# Material Safety Data Sheet Index

Material Safety Data Sheets in this book are sorted alphanumerically by the MSDS code

Click on the Product Name to view the MSDS

<table>
<thead>
<tr>
<th>Product Names</th>
<th>MSDS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINWAX® Antique Furniture Refinisher</td>
<td>7300/MW</td>
</tr>
<tr>
<td>MINWAX® Antique Oil Finish, Natural</td>
<td>7000/MW</td>
</tr>
<tr>
<td>MINWAX® Blend-Fil® Pencil</td>
<td>Pencil/MW</td>
</tr>
<tr>
<td>MINWAX® Clear Aerosol Lacquer (AEROSOL)</td>
<td>Lacquer-A/MW</td>
</tr>
<tr>
<td>MINWAX® Clear Brushing Lacquer</td>
<td>Lacquer/MW</td>
</tr>
<tr>
<td>MINWAX® Clear Lacquer Sanding Sealer</td>
<td>Lacquer/MW</td>
</tr>
<tr>
<td>MINWAX® Clear Lacquer Sanding Sealer (AEROSOL)</td>
<td>Lacquer-A/MW</td>
</tr>
<tr>
<td>MINWAX® CLEAR SHIELD Weather Resistant Coating for Wood</td>
<td>ClearShield/MW</td>
</tr>
<tr>
<td>MINWAX® CLEAR SHIELD WR Coating for Wood (AEROSOL)</td>
<td>ClearShield-A/MW</td>
</tr>
<tr>
<td>MINWAX® Fast-Drying Polyurethane</td>
<td>FastDryingPoly/MW</td>
</tr>
<tr>
<td>MINWAX® Fast-Drying Polyurethane (AEROSOL)</td>
<td>FastDryingPoly-A/MW</td>
</tr>
<tr>
<td>MINWAX® Gel Stain</td>
<td>GelStain/MW</td>
</tr>
<tr>
<td>MINWAX® Hardwood Floor Cleaner</td>
<td>Cleaners/MW</td>
</tr>
<tr>
<td>MINWAX® High Performance Wood Filler (Part A &amp; B)</td>
<td>1600/MW</td>
</tr>
<tr>
<td>MINWAX® High Performance Wood Hardener</td>
<td>1700/MW</td>
</tr>
<tr>
<td>MINWAX® Indoor/Outdoor HELMSMAN® Spar Urethane</td>
<td>Helmsman/MW</td>
</tr>
<tr>
<td>MINWAX® Indoor/Outdoor HELMSMAN® Spar Urethane (AEROSOL)</td>
<td>Helmsman-A/MW</td>
</tr>
<tr>
<td>MINWAX® Paste Finishing Wax</td>
<td>Wax/MW</td>
</tr>
<tr>
<td>MINWAX PASTELS® Wood Stain</td>
<td>Pastels/MW</td>
</tr>
<tr>
<td>MINWAX® POLYCRYLIC® Protective Finish</td>
<td>Polycrylic/MW</td>
</tr>
</tbody>
</table>
### Material Safety Data Sheet Index

#### Product Names

<table>
<thead>
<tr>
<th>Product Name</th>
<th>MSDS Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>MINWAX® POLYCRYLIC® Protective Finish (AEROSOL)</td>
<td>Polycrylic-A/MW</td>
</tr>
<tr>
<td>MINWAX® POLYSHADES® Interior Stain &amp; Polyurethane Finish</td>
<td>Polyshades/MW</td>
</tr>
<tr>
<td>MINWAX® Pre-Stain Wood Conditioner</td>
<td>1500/MW</td>
</tr>
<tr>
<td>MINWAX® Sanding Sealer</td>
<td>5600/MW</td>
</tr>
<tr>
<td>MINWAX® Stainable Wood Filler</td>
<td>StainFiller/MW</td>
</tr>
<tr>
<td>MINWAX® Super Fast-Drying Polyurethane for Floors</td>
<td>PolyForFloors/MW</td>
</tr>
<tr>
<td>MINWAX® Tung Oil Finish</td>
<td>7500/MW</td>
</tr>
<tr>
<td>MINWAX® Water-Based Polyurethane for Floors</td>
<td>WBPolyforFloors/MW</td>
</tr>
<tr>
<td>MINWAX® Water-Based Polyurethane for Floors Base Coat</td>
<td>17450/MW</td>
</tr>
<tr>
<td>MINWAX® Water-Based Pre-Stain Wood Conditioner</td>
<td>1850/MW</td>
</tr>
<tr>
<td>MINWAX® Water-Based White Wash Pickling Stain</td>
<td>1860/MW</td>
</tr>
<tr>
<td>MINWAX® Water-Based Wood Stain</td>
<td>WBWoodStain/MW</td>
</tr>
<tr>
<td>MINWAX® WIPE-ON POLY Oil-Based Polyurethane Finish</td>
<td>WipeOnPoly/MW</td>
</tr>
<tr>
<td>MINWAX® WOOD FINISH®</td>
<td>Wood/MW</td>
</tr>
<tr>
<td>MINWAX® WOOD FINISH® (AEROSOL)</td>
<td>WoodFinish-A/MW</td>
</tr>
<tr>
<td>MINWAX® WOOD FINISH® Stain Marker</td>
<td>Marker/MW</td>
</tr>
<tr>
<td>MINWAX® Wood Cleaner (Trigger Spray)</td>
<td>Cleaners/MW</td>
</tr>
<tr>
<td>MINWAX® WOOD PUTTY®</td>
<td>Putty/MW</td>
</tr>
<tr>
<td>MINWAX® WOODSHEEN® Rubbing Oil Stain &amp; Finish</td>
<td>Woodsheen/MW</td>
</tr>
</tbody>
</table>

*Can’t find the MSDS you need? Call (216) 566-2902*
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Pre-Stain Wood Conditioner
1500

HMIS CODES
Health 2
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>88</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT  LE  UEL
101 °F   1.0  7.0

FLAMMABILITY CLASSIFICATION
Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

To minimize the possibility of spontaneous combustion: control the accumulation of overspray; soak wiping rags and waste immediately after use in a water-filled, closed metal container; air dry filters outside, far from any combustible material and separated by bricks or other non-combustible spacers; dispose of all contaminated materials and waste properly. Consult OSHA 29 CFR 1910.107(b)(5) and NFPA 33, Chapter 8 (8-9) for the proper procedures.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD(in US) or contact your local health authority.

- Continued -
**Section 8 - Exposure Controls/ Personal Protection** (continued)

**VENTILATION**
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION**
Wear safety spectacles with unperforated sideshields.

**OTHER PRECAUTIONS**
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**Section 9 - Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>6.52 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.78</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300-412 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>92 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>5.85 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>5.85 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

**Section 10 - Stability and Reactivity**

**STABILITY** - Stable
**CONDITIONS TO AVOID** - None known.
**INCOMPATIBILITY** - None known.
**HAZARDOUS DECOMPOSITION PRODUCTS** - By fire: Carbon Dioxide, Carbon Monoxide
**HAZARDOUS POLYMERIZATION** - Will not occur

**Section 11 - Toxicological Information**

**CHRONIC HEALTH HAZARDS**
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**TOXICOLOGY DATA**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>
Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information
- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® High Performance Wood Filler (Part A)
1600
(MSDS for Part B Hardener is also attached)

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>100-42-5</td>
<td>Styrene</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 20</td>
<td>ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 40</td>
<td>ppm STEL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100</td>
<td>ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 215</td>
<td>ppm CEILING</td>
</tr>
<tr>
<td>24</td>
<td>14807-96-6</td>
<td>Talc</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2</td>
<td>mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 2</td>
<td>mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td>30</td>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10</td>
<td>mg/m3 as Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 15</td>
<td>Total Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5</td>
<td>mg/m3 Respirable Fraction</td>
</tr>
</tbody>
</table>

Note: Styrene becomes non-volatile when catalyzed.

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
97 °F 1.1 6.1
FLAMMABILITY CLASSIFICATION
RED LABEL -- Flammable, Flash below 100 °F
EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IC
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are FLAMMABLE. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
This product may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
Section 8 - Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RE Respiratory Protection

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Product Weight</th>
<th>10.00 lb/gal</th>
<th>Evaporation Rate</th>
<th>Slower than Ether</th>
</tr>
</thead>
<tbody>
<tr>
<td>Specific Gravity</td>
<td>1.20</td>
<td>Vapor Density</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>Boiling Point</td>
<td>293-294 °F</td>
<td>Melting Point</td>
<td>Not Available</td>
</tr>
<tr>
<td>Volatile Volume</td>
<td>17 %</td>
<td>Solubility In Water</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - This product should be stored in a cool area (below 90 °F) away from sources of heat.

CONDITIONS TO AVOID - Storage temperature above 90 °F.

INCOMPATIBILITY - Contamination with polymerization catalysts such as peroxides and strong acids. Do not put any catalyzed product back into the can of uncatalyzed product.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

Styrene is listed by IARC as a possible human carcinogen based on "inadequate evidence" in humans, "limited evidence" in animals, and the fact that it is metabolized to styrene oxide, which has been shown to induce cancer in animals. However, studies of humans exposed for long periods of time to styrene have not demonstrated any carcinogenic effect.
Section 11 - Toxicological Information (continued)

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-42-5</td>
<td>Styrene</td>
<td>RAT 4HR Not Available</td>
<td>5000 mg/kg</td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>LC50</td>
<td>LD50</td>
</tr>
<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>LC50</td>
<td>LD50</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-42-5</td>
<td>Styrene</td>
<td>13</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.

- Continued -
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
Hardener for 1600 High Performance Wood Filler (Part B)

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>50</td>
<td>94-36-0</td>
<td>Benzoyl Peroxide</td>
<td>ACGIH TLV 5 mg/m3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 – Fire Fighting Measures

FLASH POINT: LEL UEL
- 184 °F PMCC N.Av. N.Av.

FLAMMABILITY CLASSIFICATION
- Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA
- Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
- Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
- Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
- Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – DOL Storage Class IIIA

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
- Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
- This product must be stored in a cool area (below 90 °F) away from sources of heat.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
- Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
- This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
- Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
- Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 - Exposure Controls/Personal Protection (continued)

RESPIRATORY PROTECTION
   If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
   When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
   Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
   Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
   This product must be mixed with other components before use. Before opening the packages, READ AND FOLLOW WARNING LABELS ON ALL COMPONENTS.
   Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT   10.0 lb/gal   EVAPORATION RATE   Slower than Ether
SPECIFIC GRAVITY  1.20   VAPOR DENSITY   Heavier than Air
BOILING POINT 212-698 °F   MELTING POINT   Not Available
VOLATILE VOLUME 10-20 %   SOLUBILITY IN WATER   Not Available
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
   Maximum 2.8 lb/gal   Less Federally Exempt Solvents

Section 10 - Stability and Reactivity

STABILITY - This product should be stored in a cool area (below 90 °F) away from sources of heat.
CONDITIONS TO AVOID - Storage temperature above 90 °F.
INCOMPATIBILITY - Incompatible with acids, alkalis, oxidizers, reducing agents, metal salt. Do not put any catalyzed product back into the can of uncatalyzed product.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
   No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
   Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-36-0</td>
<td>Benzoyl Peroxide</td>
</tr>
<tr>
<td></td>
<td>LC50 RAT 4HR</td>
</tr>
<tr>
<td></td>
<td>LD50 RAT</td>
</tr>
<tr>
<td></td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td>7710 mg/kg</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.
Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from unreacted hardener may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261 because it exhibits reactivity characteristics.

Waste from reacted hardener is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information – No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>94-36-0</td>
<td>Benzoyl Peroxide</td>
<td></td>
<td>50</td>
</tr>
</tbody>
</table>

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 1700/MW
Version: 03
Date of Preparation: March 11, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® High Performance Wood Hardener
1700

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>67-56-1</td>
<td>Methanol</td>
<td>92 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 200 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 250 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 200 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 250 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>72</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

- Continued -
Section 5 - Fire Fighting Measures

FLASH POINT
-2 °F TCC

FLAMMABILITY CLASSIFICATION
RED LABEL -- Extremely Flammable, Flash below 21 °F

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IB
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD(in US) or contact your local health authority.
Section 8 - Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT 7.22 lb/gal  EVAPORATION RATE Slower than Ether
SPECIFIC GRAVITY 0.87  VAPOR DENSITY Heavier than Air
BOILING POINT 132-150 °F  MELTING POINT Not Available
VOLATILE VOLUME 82 %  SOLUBILITY IN WATER Not Available
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
1.02 lb/gal  Less Federally Exempt Solvents
0.21 lb/gal  Emitted VOC

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>67–56–1</td>
<td>Methanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td>5630</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>67–64–1</td>
<td>Acetone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td>5800</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

- Continued -
Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION – No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information – No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.

200 Confederation Parkway

Vaughn, ON  L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 1850/MW  Date of Preparation  March 17, 2003
Version: 03

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS  HMIS CODES
MINWAX® Water-Based Pre-Stain Wood Conditioner
1850

MANUFACTURER'S NAME  EMERGENCY TELEPHONE NO.
MINWAX Company (216) 566-2917
10 Mountainview Road
Upper Saddle River, NJ  07458

INFORMATION TELEPHONE NO.  (800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
</table>

No ingredients in this product are hazardous as defined by the Department of Labor.

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT  LEL  UEL
>200 °F  N.A.  N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

- Continued -
Section 5 - Fire Fighting Measures

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IIIB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES - Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshield

- Continued -
Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 8.43 lb/gal
SPECIFIC GRAVITY 1.01
BOILING POINT 212-369 °F
VOLATILE VOLUME 91 %

EVAPORATION RATE Slower than Ether
VAPOR DENSITY Heavier than Air
MELTING POINT Not Available
SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
2.63 lb/gal Less Federally Exempt Solvents
0.33 lb/gal Emitted VOC

Section 10 – Stability and Reactivity

STABILITY – Stable
CONDITIONS TO AVOID – None known.
INCOMPATIBILITY – None known.
HAZARDOUS DECOMPOSITION PRODUCTS – By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION – Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA – No data available.

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION – No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD
Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information – No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C)
Supplier Notification.
TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.
The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 1860/MW
Version: 03
Date of Preparation
March 17, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Water-Based White Wash Pickling Stain
1860

HMIS CODES
Health 1
Flammability 0
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

% WT. | CAS No. | Ingredient Name | Vapor Pressure
--- | --- | --- | ---
8 | 13463-67-7 | Titanium Dioxide |

| | | | ACGIH TLV |
| | | | mg/m3 as Dust |
| | | | mg/m3 Total Dust |
| | | | OSHA PEL |
| | | | mg/m3 Respirable Fraction |

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT       LEL       UEL
>200 °F          N.A.       N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IIIB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women.

Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 – Exposure Controls/Personal Protection (continued)

RESPIRATORY PROTECTION
   If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
   When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
   Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
   Wear safety spectacles with unperforated sideshields.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 9.13 lb/gal  EVAPORATION RATE Slower than Ether
SPECIFIC GRAVITY 1.10  VAPOR DENSITY Heavier than Air
BOILING POINT 212-369 °F  MELTING POINT Not Available
VOLATILE VOLUME 82 %  SOLUBILITY IN WATER Not Available
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
   2.81 lb/gal  Less Federally Exempt Solvents
   0.72 lb/gal  Emitted VOC

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
   No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
   Rats exposed to titanium dioxide dust at 250 mg./m³ developed lung cancer, however, such exposure levels are not attainable in the workplace.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>LD50</th>
<th>RAT</th>
<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD
   Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
   Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

- Continued -
Section 14 – Transport Information - No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 5600/MW
Version: 03
Date of Preparation: March 25, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Sanding Sealer
5600

HMIS CODES
Health 2
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

% WT. CAS No. Ingredient Name Vapor Pressure
---------------------------------------------------------------------
63  64742-88-7 Mineral Spirits
       ACGIH TLV 100 ppm 2 mm
       OSHA PEL 100 ppm

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

- Continued -
Section 5 – Fire Fighting Measures

FLASH POINT  LEL  UEL
102 °F PMCC  1.0  6.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
Section 8 - Exposure Controls/ Personal Protection (continued)

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PRODUCT WEIGHT</th>
<th>7.02 lb/gal</th>
<th>EVAPORATION RATE</th>
<th>Slower than Ether</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.84</td>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300-395 °F</td>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>69 %</td>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.4 lb/gal</td>
<td>Less Federally Exempt Solvents</td>
<td>4.4 lb/gal</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION
No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

- Continued -
Section 14 - Transport Information

No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 7000/MW
Version: 03
Date of Preparation: March 3, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Antique Oil Finish
7000 Natural

HMIS CODES
Health 2*
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td>2 mm</td>
</tr>
<tr>
<td>0.2</td>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 – Fire Fighting Measures

FLASH POINT LEFLUEL
102 °F 1.0 6.0

FLAMMABILITY CLASSIFICATION
Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – DOL Storage Class II
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 – Exposure Controls/Personal Protection (continued)

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 7.03 lb/gal  EVAPORATION RATE Slower than Ether
SPECIFIC GRAVITY 0.85  VAPOR DENSITY Heavier than Air
BOILING POINT 300–395 °F  MELTING POINT Not Available
VOLATILE VOLUME 72 %  SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
4.61 lb/gal  Less Federally Exempt Solvents
4.61 lb/gal  Emitted VOC

Section 10 – Stability and Reactivity

STABILITY – Stable
CONDITIONS TO AVOID – None known.
INCOMPATIBILITY – None known.
HAZARDOUS DECOMPOSITION PRODUCTS – By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION – Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>
Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION – No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cobalt Compound</td>
<td>0.1</td>
<td>0.03</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.

200 Confederation Parkway

Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 7300/MW
Version: 03
Date of Preparation: April 2, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Antique Furniture Refinisher
7300

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>108-88-3</td>
<td>Toluene</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 50 ppm (skin)</td>
<td>22 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>67-56-1</td>
<td>Methanol</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 200 ppm (skin)</td>
<td>92 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 250 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 200 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 250 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>67-64-1</td>
<td>Acetone</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

<table>
<thead>
<tr>
<th>Property</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>20 °F</td>
<td>36.5</td>
</tr>
<tr>
<td>Condensation</td>
<td>1.0</td>
<td>36.5</td>
</tr>
<tr>
<td>Flammability Classification</td>
<td>RED LABEL -- Extremely Flammable, Flash below 21 °F</td>
<td></td>
</tr>
</tbody>
</table>

EXTINGUISHING MEDIA
- Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
- Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
- Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPilled
- Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
- Contents are EXTREMELY FLAMMABLE. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
- Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
Section 8 – Exposure Controls/ Personal Protection (continued)

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 6.86 lb/gal
SPECIFIC GRAVITY 0.83
BOILING POINT 132-238 °F
VOLATILE VOLUME 98 %

VAPORIZATION RATE Slower than Ether
VAPOR DENSITY Heavier than Air
MELTING POINT Not Available
SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
6.78 lb/gal Less Federally Exempt Solvents
3.48 lb/gal Emitted VOC

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>LC50</td>
<td>RATE</td>
<td>4HR</td>
<td>4000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RATE</td>
<td></td>
<td>5000</td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>LC50</td>
<td>RATE</td>
<td>4HR</td>
<td>64000</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RATE</td>
<td></td>
<td>5630</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>LC50</td>
<td>RATE</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RATE</td>
<td></td>
<td>5800</td>
</tr>
</tbody>
</table>

- Continued -
Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>67-56-1</td>
<td>Methanol</td>
<td>19</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: 7500/MW  Date of Preparation
Version: 03  March 17, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS  HMIS CODES
MINWAX® Tung Oil Finish
7500  Health 2*

MANUFACTURER'S NAME  EMERGENCY TELEPHONE NO.
MINWAX Company  (216) 566-2917
10 Mountainview Road  INFORMATION TELEPHONE NO.
Upper Saddle River, NJ  07458  (800) 523-9299

Section 2 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>65</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0.2</td>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 – Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED:  If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN:   Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES:   Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT                  LEL       UEL
102 °F PMCC                  1.0       6.0

FLAMMABILITY CLASSIFICATION
Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 - Exposure Controls/Personal Protection (continued)

RESPIRATORY PROTECTION
   If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
   When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
   Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
   Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
   Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>7.05 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.85</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300-395 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>71%</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.57 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>LA50 RAC</td>
<td>Not Available</td>
</tr>
<tr>
<td>LD50 RAC</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
   Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity.
   Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
   Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RAT</td>
<td>RAT</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td>4HR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RAT</td>
<td>RAT</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td>4HR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information - No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cobalt Compound</td>
<td>0.2</td>
<td>0.03</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Water-Based Polyurethane for Floors Base Coat
17450  17650

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>34590-94-8</td>
<td>2-Methoxymethylethoxypropanol</td>
<td>0.4 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV</td>
<td>150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL</td>
<td>100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL</td>
<td>150 ppm (skin) STEL</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
>200 °F N.A. N.A.

FLAMMABILITY CLASSIFICATION - Not Applicable

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IIIB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed as Dust in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

- Continued -
Section 8 - Exposure Controls/Personal Protection (continued)

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

Section 9 - Physical and Chemical Properties

| PRODUCT WEIGHT | 8.67 lb/gal | EVAPORATION RATE | Slower than Ether |
| SPECIFIC GRAVITY | 1.04 | VAPOR DENSITY | Heavier than Air |
| BOILING POINT | 212-380 °F | MELTING POINT | Not Available |
| VOLATILE VOLUME | 70 % | SOLUBILITY IN WATER | Not Available |
| pH | 4.0 | VOLATILE ORGANIC COMPOUNDS (VOC Theoretical) |
| | 1.6 lb/gal | Less Federally Exempt Solvents |
| | 0.6 lb/gal | Emitted VOC |

Section 10 - Stability and Reactivity

STABILITY
Stable

CONDITIONS TO AVOID
None known.

INCOMPATIBILITY
None known.

HAZARDOUS DECOMPOSITION PRODUCTS
By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION
Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>34590-94-8</td>
<td>2-Methoxymethylethoxypropanol</td>
</tr>
<tr>
<td>LC50</td>
<td>RAT</td>
</tr>
<tr>
<td>LD50</td>
<td>RAT</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION
No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

No data available.
Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65
WARNING: This product contains a chemical known to the State of California to cause cancer.

TSCA CERTIFICATION
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
42127 MINWAX® Wood Cleaner (Trigger Spray)
62127 MINWAX® Hardwood Floor Cleaner

HMIS CODES
Health 0
Flammability 0
Reactivity 0

MANUFACTURER’S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

% WT. | CAS No. | Ingredient Name | Vapor Pressure
------------------------------------------------------------------

No ingredients in these products are hazardous as defined by the Department of Labor.

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes.
Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT | LEL | UEL
>200 °F | N.A. | N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

- Continued -
Section 5 - Fire Fighting Measures (continued)

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IIIB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

PROTECTIVE GLOVES - Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>8.31 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.00</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>212–213 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>99 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>0.37 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>0.00 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

- Continued -
Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA
No data available.

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information
- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

MINWAX® CLEAR SHIELD Weather Resistant Coating for Wood

HMIS CODES

Health 2*
Flammability 2
Reactivity 0

MANUFACTURER'S NAME

MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.

(216) 566-2917

INFORMATION TELEPHONE NO.

(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td>2 mm</td>
</tr>
<tr>
<td>0.1</td>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>7.1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1569-01-3</td>
<td>1-Propoxy-2-propanol</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td>1.7 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>3-4</td>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 6 mg/m3 as Dust</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 – First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 – Fire Fighting Measures

FLASH POINT LEL UEL
101 °F PMCC 1.0 16.9

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F
EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – DOL Storage Class II
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women.
Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 – Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

| PRODUCT WEIGHT | 7.75-7.78 lb/gal | EVAPORATION RATE | Slower than Ether |
| SPECIFIC GRAVITY | 0.93-0.94 | VAPOR DENSITY | Heavier than Air |
| BOILING POINT | 300-395 °F | MELTING POINT | Not Available |
| VOLATILE VOLUME | 57 % | SOLUBILITY IN WATER | Not Available |

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
3.7 lb/gal Less Federally Exempt Solvents
3.7 lb/gal Emitted VOC

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>RAT 4HR</td>
<td>RAT</td>
<td>Not Available</td>
</tr>
</tbody>
</table>
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>Not Available</td>
<td>3500</td>
<td>mg/kg</td>
</tr>
<tr>
<td>1569-01-3</td>
<td>1-Propoxy-2-propanol</td>
<td>Not Available</td>
<td>2800</td>
<td>mg/kg</td>
</tr>
<tr>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td>Not Available</td>
<td>4999</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information - No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>0.1</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: ClearShield-A/MW
Version: 03

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS 
MINWAX® CLEAR SHIELD Weather Resistant Coating for Wood (Aerosol)
34180 Semi-Gloss
34185 Satin

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>74-98-6</td>
<td>Propane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>106-97-8</td>
<td>Butane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 800 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 800 ppm</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td>53 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

- Continued -
**Section 4 - First Aid Measures**

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

**Section 5 - Fire Fighting Measures**

FLASH POINT LEL UEL

| Propellant < 0 °F | 1.0 | 12.8 |

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**Section 6 - Accidental Release Measures**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

**Section 7 - Handling and Storage**

STORAGE CATEGORY - NFPA 30B Level 3 Aerosol

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

**Section 8 - Exposure Controls/Personal Protection**

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).
Section 8 - Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PRODUCT WEIGHT</th>
<th>5.98-5.99 lb/gal</th>
<th>EVAPORATION RATE</th>
<th>Faster than Ether</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.72</td>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>&lt;0-395 °F</td>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>91 %</td>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
- Volatile Weight 47.28-47.46 % - Less Federally Exempt Solvents

Section 10 - Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th>Rat</th>
<th>4HR</th>
<th>Not Available</th>
<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Continued -
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>Not Available</td>
<td>5800 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 - Transport Information

- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.

200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Fast-Drying Polyurethane
71028 Satin
71029 Semi-Gloss
71030 Gloss

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>45–48</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>2–3</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0–3</td>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td>mg/m3 as Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 6 mg/m3 as Dust</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE

Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE

Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

None generally recognized.

CANCER INFORMATION

For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT  LEL  UEL
105-112 °F  1.0  7.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 – Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

| PRODUCT WEIGHT | 7.35–7.54 lb/gal | EVAPORATION RATE | Slower than Ether |
| SPECIFIC GRAVITY | 0.88–0.91 | VAPOR DENSITY | Heavier than Air |
| BOILING POINT | 300–412 °F | MELTING POINT | Not Available |
| VOLATILE VOLUME | 56–58 % | SOLUBILITY IN WATER | Not Available |

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
3.7 lb/gal Less Federally Exempt Solvents
3.7 lb/gal Emitted VOC

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
<td>4999 mg/kg</td>
</tr>
</tbody>
</table>

- Continued -
Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information - No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: FastDryingPoly-A/MW
Version: 03
Date of Preparation: March 4, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

MINWAX® Fast-Drying Polyurethane Spray
33050 Gloss
33055 Semi-Gloss
33060 Satin

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>74-98-6</td>
<td>Propane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>106-97-8</td>
<td>Butane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 800 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 800 ppm</td>
<td></td>
</tr>
<tr>
<td>5-7</td>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td>53 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>15-16</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>39-41</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

- Continued -
Section 4 – First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 – Fire Fighting Measures

FLASH POINT LEL UEL
Propellant < 0 °F 1.0 12.8

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – NFPA 30B Level 3 Aerosol
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures.
Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
Section 8 - Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>5.9 lb/gal</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Faster than Ether</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.71</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>&lt;0-395 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>92-93 %</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>48.74-49.79 % Less Federally Exempt Solvents</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>4HR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

- Continued -
### TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>Not Available</td>
<td>5800 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

### Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

### Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
- Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
- Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

### Section 14 - Transport Information

- No data available.

### Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
- No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65
- WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
- All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

### Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Gel Stain
HMIS CODES
Health 2*
Flammability 2
Reactivity 1

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>56-60</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0-1</td>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td>0-1</td>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td>3-5</td>
<td>7631-86-9</td>
<td>Amorphous Silica</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Dust</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
101-103 °F 1.0 6.0
FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F
EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.
**Section 8 – Exposure Controls/Personal Protection (continued)**

**VENTILATION**
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION**
Wear safety spectacles with unperforated sideshields.

**OTHER PRECAUTIONS**
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**Section 9 – Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>7.23–7.54 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.87–0.91</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300–395 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>66–67 %</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.2–4.3 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td></td>
</tr>
<tr>
<td>BOILING POINT</td>
<td></td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td></td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.2–4.3 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

**Section 10 – Stability and Reactivity**

**STABILITY** - Stable

**CONDITIONS TO AVOID** - None known.

**INCOMPATIBILITY** - None known.

**HAZARDOUS DECOMPOSITION PRODUCTS** - By fire: Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION** - Will not occur

**Section 11 – Toxicological Information**

**CHRONIC HEALTH HAZARDS**
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**TOXICOLOGY DATA**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>7631-86-9</td>
<td>Amorphous Silica</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information - No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Indoor/Outdoor HELMSMAN® Spar Urethane

HMIS CODES
Health 2*
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>45</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0-2</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0.1-0.2</td>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>7.1 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>0-1</td>
<td>1330-20-7</td>
<td>Xylene</td>
<td>5.9 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>0-2</td>
<td>1569-01-3</td>
<td>1-Propoxy-2-propanol</td>
<td>1.7 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>0-0.2</td>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>0-4</td>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH</td>
<td>TLV 10 mg/m³ as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA</td>
<td>PEL 6 mg/m³ as Dust</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

- Continued -
Section 3 - Hazards Identification (continued)

Signs and Symptoms of Overexposure

Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated by Exposure

None generally recognized.

Cancer Information

For complete discussion of toxicology data refer to Section 11.

Section 4 - First Aid Measures

If inhaled: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If swallowed: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

<table>
<thead>
<tr>
<th>Flash Point</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>101-106 °F</td>
<td>1.0</td>
<td>16.9</td>
</tr>
</tbody>
</table>

Flammability Classification - Combustible, Flash above 99 and below 200 °F

Extinguishing Media - Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards

Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

Steps to be taken in case material is released or spilled

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

Storage Category - DOL Storage Class II

Precautions to be taken in handling and storage

Contents are combustible. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

Precautions to be taken in use

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
Helmsman/MW

Section 8 - Exposure Controls/Personal Protection (continued)

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>7.42–7.76 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.89–0.93</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>281–412 °F</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>56–57 %</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>3.6–3.7 lb/gal</td>
</tr>
<tr>
<td></td>
<td>Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID

- None known.

INCOMPATIBILITY

- None known.

HAZARDOUS DECOMPOSITION PRODUCTS

- By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur
Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity.

Prolonged overexposure to solvent ingredients in Section 2 for 3205 and 3210 may cause adverse effects to the liver and urinary systems. Prolonged overexposure to solvent ingredients in Section 2 for 3200 may cause adverse effects to the liver, urinary and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>Not Available</td>
<td>3500 mg/kg</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>5000 ppm</td>
<td>4300 mg/kg</td>
<td></td>
</tr>
<tr>
<td>1569-01-3</td>
<td>1-Proxy-2-propanol</td>
<td>Not Available</td>
<td>2800 mg/kg</td>
<td></td>
</tr>
<tr>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td>Not Available</td>
<td>4999 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.
Section 14 - Transport Information
No data available.

Section 15 - Regulatory Information
SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>max. 0.2</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>max. 1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cobalt Compound</td>
<td>max. 0.2</td>
<td>max. 0.03</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Indoor/Outdoor HELMSMAN® Spar Urethane (Aerosol)

HMIS CODES
Health 2
Flammability 4
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
(800) 523-9299

Section 2 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>74-98-6</td>
<td>Propane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>106-97-8</td>
<td>Butane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 800 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 800 ppm</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td>53 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
Propellant < 0 °F 1.0 12.8

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - NFPA 30B Level 3 Aerosol

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
Section 8 - Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women.

Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT 5.94-5.99 lb/gal  EVAPORATION RATE Faster than Ether
SPECIFIC GRAVITY 0.71-0.72  VAPOR DENSITY Heavier than Air
BOILING POINT <0-395 °F  MELTING POINT Not Available
VOLATILE VOLUME 90-91 %  SOLUBILITY IN WATER Not Available
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)

Volatile Weight 47.32-47.60 %  Less Federally Exempt Solvents

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LC50</td>
<td>RAT</td>
<td>4HR</td>
<td>Not Available</td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td></td>
<td>Not Available</td>
</tr>
</tbody>
</table>

- Continued -
Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 – Transport Information – No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® WOOD FINISH® Stain Marker
63481 Golden Oak, 210B
63482 Provincial, 211
63483 Red Oak, 215
63484 Red Mahogany, 225
63485 Early American, 230
63486 Cherry, 235
63487 Dark Walnut, 2716
63488 Pickled Oak, 260

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>52-55</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>4-5</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>6-9</td>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td>6-9</td>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>13463-67-7</td>
<td>Titanium Dioxide (63488-Pickled Oak, 260 only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
104-110 °F PMCC 1.0 7.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F
EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
To minimize the possibility of spontaneous combustion: control the accumulation of overspray; soak wiping rags and waste immediately after use in a water-filled, closed metal container; air dry filters outside, far from any combustible material and separated by bricks or other non-combustible spacers; dispose of all contaminated materials and waste properly. Consult OSHA 29 CFR 1910.107(b)(5) and NFPA 33, Chapter 8 (8-9) for the proper procedures.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).
Section 8 – Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>6.99–7.27 lb/gal</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.84–0.87</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300–412 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>64–66 %</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.1–4.2 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>4.1–4.2 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 – Stability and Reactivity

STABILITY – Stable

CONDITIONS TO AVOID – None known.

INCOMPATIBILITY – None known.

HAZARDOUS DECOMPOSITION PRODUCTS – By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION – Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems. Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
Section 11 – Toxicological Information (continued)

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT 4HR</th>
<th>LC50 RAT</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION

No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information

No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.
Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
                      200 Confederation Parkway
                      Vaughan, ON  L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX PASTELS® Wood Stain
800 Winter White  802 Pale Gray
801 Summer Straw   803 Slate Blue

HMIS CODES
Health 2*
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>40</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td>61789-51-3</td>
<td>Cobalt Naphthenate</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>18-19</td>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE - None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
104 °F  1.0  12.5

FIRE POINT
104 °F PMCC

FLAMMABILITY CLASSIFICATION
Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 – Exposure Controls/ Personal Protection (continued)

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2. When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>8.72-8.80 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.05-1.06</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>212-395 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>74 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td></td>
</tr>
<tr>
<td>4.5 lb/gal</td>
<td>Less Federally Exempt Solvents</td>
</tr>
<tr>
<td>3.7 lb/gal</td>
<td>Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>61789-51-3</td>
<td>Cobalt Naphthenate</td>
<td>Not Available</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Not Available</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Continued -
Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

- No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cobalt Compound</td>
<td>0.1</td>
<td>0.03</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: Pencil/MW
Version: 03
Date of Preparation: March 25, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

<table>
<thead>
<tr>
<th>MINWAX® BLEND-FIL® Pencil</th>
</tr>
</thead>
<tbody>
<tr>
<td>11001 #1 (Natural Pine)</td>
</tr>
<tr>
<td>11002 #2 (Natural Pine)</td>
</tr>
<tr>
<td>11003 #3 (Natural Birch)</td>
</tr>
<tr>
<td>11004 #4 (Frosted Colors)</td>
</tr>
</tbody>
</table>

MANUFACTURER'S NAME: MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.: (216) 566-2917
INFORMATION TELEPHONE NO.: (800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
</table>

No ingredients in these products are hazardous as defined by the Department of Labor.

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use.

EFFECTS OF OVEREXPOSURE
None known.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
None known.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Get medical attention.
If on SKIN: Wash affected area thoroughly with soap and water
If in EYES: Flush eyes with large amounts of water for 15 minutes.
    Get medical attention.
If SWALLOWED: Get medical attention.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
None N.A. N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS - Not Applicable
SPECIAL FIRE FIGHTING PROCEDURES - Not Applicable

- Continued -
Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

No special procedures are required. Sweep dust or flakes and dispose of in regular trash.

Section 7 - Handling and Storage

STORAGE CATEGORY - Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Wash hands after using.

These products may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m³ (total dust), 3 mg/m³ (respirable fraction), OSHA PEL 15 mg/m³ (total dust), 5 mg/m³ (respirable fraction).

VENTILATION

No special requirements necessary for typical application.

RESPIRATORY PROTECTION

None required during use of these products.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES - None normally required.

EYE PROTECTION - None required.

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT  7.8 lb/gal  
SPECIFIC GRAVITY  0.938  
BOILING POINT  Not Available  
VOLATILE VOLUME  0 %

EVAPORATION RATE  Slower than Ether  
VAPOR DENSITY  Heavier than Air  
MELTING POINT  Not Available  
SOLUBILITY IN WATER  Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)

0.0 lb/gal  Less Federally Exempt Solvents

0.0 lb/gal  Emitted VOC

Section 10 - Stability and Reactivity

STABILITY - Stable  
CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

Not Applicable

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION

No data available.
Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information
No data available.

Section 15 - Regulatory Information
SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® POLYCRYLIC® Protective Finish
3333 Satin
4444 Semi-Gloss
5555 Gloss

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>34590-94-8</td>
<td>2-Methoxymethylethoxypropanol</td>
<td>0.4 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>29911-28-2</td>
<td>1-(2-Butoxymethylethoxy)-propanol</td>
<td>0.06 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>5131-66-8</td>
<td>Butoxypropanol</td>
<td>0.6 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>107-21-1</td>
<td>Ethylene Glycol</td>
<td>0.12 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 50 ppm CEILING</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 50 ppm CEILING</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>9014-85-1</td>
<td>Decylpoly(ethyleneoxy)ethanol</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>872-50-4</td>
<td>1-Methyl-2-Pyrrolidone</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE - None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LE LEL UEL = 200 °F PMCC N.A. N.A.
FLAMMABILITY CLASSIFICATION - Not Applicable
EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Alcohol Foam
UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.
SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IIIB
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).
Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 – Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

Section 9 – Physical and Chemical Properties

| PRODUCT WEIGHT | 8.51–8.55 lb/gal | EVAPORATION RATE | Slower than Ether |
| SPECIFIC GRAVITY | 1.02–1.03 | VAPOR DENSITY | Heavier than Air |
| BOILING POINT | 212–449 °F | MELTING POINT | Not Available |
| VOLATILE VOLUME | 71 % | SOLUBILITY IN WATER | Not Available |

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
2.5 lb/gal Less Federally Exempt Solvents
1.0–1.1 lb/gal Emitted VOC

Section 10 – Stability and Reactivity

STABILITY – Stable
CONDITIONS TO AVOID – None known.
INCOMPATIBILITY – None known.
HAZARDOUS DECOMPOSITION PRODUCTS – By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION – Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen. Ethylene Glycol is considered an animal teratogen. It has been shown to cause birth defects in rats and mice at high doses when given in drinking water or by gavage. There is no evidence to indicate it causes birth defects in humans. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>34590-94-8</td>
<td>2-Methoxymethylethoxypropanol</td>
</tr>
<tr>
<td>LC50</td>
<td>RAT</td>
</tr>
<tr>
<td>LD50</td>
<td>RAT</td>
</tr>
<tr>
<td>29911-28-2</td>
<td>1-(2-Butoxymethylethoxy)-propanol</td>
</tr>
<tr>
<td>LC50</td>
<td>RAT</td>
</tr>
<tr>
<td>LD50</td>
<td>RAT</td>
</tr>
<tr>
<td>5131-66-8</td>
<td>Butoxypropanol</td>
</tr>
<tr>
<td>LC50</td>
<td>RAT</td>
</tr>
<tr>
<td>LD50</td>
<td>RAT</td>
</tr>
</tbody>
</table>
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-21-1</td>
<td>Ethylene Glycol</td>
<td>Not Available</td>
<td>4700 mg/kg</td>
</tr>
<tr>
<td>9014-85-1</td>
<td>Decylpoly(ethyleneoxy)ethanol</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>872-50-4</td>
<td>1-Methyl-2-Pyrrolidone</td>
<td>Not Available</td>
<td>4200 mg/kg</td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Incorporate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information - No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>107-21-1</td>
<td>Ethylene Glycol</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>872-50-4</td>
<td>1-Methyl-2-Pyrrolidone</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65
WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: Polycrylic-A/MW  Date of Preparation
Version: 03  March 26, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS  HMIS CODES
MINWAX® POLYCRYLIC® Protective Finish (Aerosol), Clear
33333 Satin  Health 2
34444 Semi-Gloss  Flammability 4
35555 Gloss  Reactivity 0

MANUFACTURER'S NAME  EMERGENCY TELEPHONE NO.
MINWAX Company  (216) 566-2917
10 Mountainview Road  INFORMATION TELEPHONE NO.
Upper Saddle River, NJ  07458  (800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>67-63-0</td>
<td>2-Propanol</td>
<td>33 mm ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 500 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>0.88 mm ppm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 20 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 20 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>115-10-6</td>
<td>Dimethyl Ether</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica (33333 Satin only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 6 mg/m3 as Dust</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicologic Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT  LE L  UEL
Propellant < 0 °F  1.1  27.0

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - NFPA 30B Level 1 Aerosol
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures.

Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).
Section 8 - Exposure Controls/Personal Protection (continued)

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PRODUCT WEIGHT</th>
<th>7.0 lb/gal</th>
<th>EVAPORATION RATE</th>
<th>Faster than Ether</th>
</tr>
</thead>
<tbody>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.84-0.85</td>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>&lt;0-343 °F</td>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>86 %</td>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
- Volatile Weight 47.84-47.92 %
- Less Federally Exempt Solvents

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen. Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary and blood forming systems. Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>Not Available</th>
</tr>
</thead>
<tbody>
<tr>
<td>67-63-0</td>
<td>2-Propanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>LD50</td>
<td>RAT</td>
<td>5045</td>
<td>mg/kg</td>
</tr>
</tbody>
</table>

- Continued -
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>111-76-2</td>
<td>2-Butoxyethanol</td>
<td>Not Available</td>
<td>470 mg/kg</td>
</tr>
<tr>
<td>115-10-6</td>
<td>Dimethyl Ether</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td>Not Available</td>
<td>4500 mg/kg</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

Section 14 - Transport Information - No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Glycol Ethers</td>
<td>6</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

MINWAX® Super Fast-Drying Polyurethane for Floors

HMIS CODES

Health 2
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
(800) 523-9299

SECTION 2 - Composition/Information on Ingredients

% WT. CAS No. Ingredient Name Vapor Pressure

48-49 64742-88-7 Mineral Spirits

ACGIH TLV 100 ppm 2 mm
OSHA PEL 100 ppm

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
110-111 °F 1.0 6.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

- Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

- Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
**Section 8 - Exposure Controls/ Personal Protection** (continued)

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION** - Wear safety spectacles with unperforated sideshields.

**OTHER PRECAUTIONS**

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**Section 9 - Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>7.37–7.49 lb/gal</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.89–0.90</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300–395 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>56 %</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC)</td>
<td>3.7 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td>Emitted VOC</td>
<td>3.7 lb/gal</td>
</tr>
</tbody>
</table>

**Section 10 - Stability and Reactivity**

**STABILITY** - Stable

**CONDITIONS TO AVOID** - None known.

**INCOMPATIBILITY** - None known.

**HAZARDOUS DECOMPOSITION PRODUCTS** - By fire: Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION** - Will not occur

**Section 11 - Toxicological Information**

**CHRONIC HEALTH HAZARDS**

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**TOXICOLOGY DATA**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>SOLUBILITY IN WATER</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

**Section 12 - Ecological Information**

**ECOTOXICOLOGICAL INFORMATION** - No data available.

**Section 13 - Disposal Considerations**

**WASTE DISPOSAL METHOD**

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

**Section 14 - Transport Information** - No data available.

- Continued -
Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® POLYSHADES® Interior Stain & Polyurethane Finish
Gloss (400 numbers) and Satin (300 numbers)

<table>
<thead>
<tr>
<th>Number</th>
<th>Name</th>
<th>HMIS CODES</th>
</tr>
</thead>
<tbody>
<tr>
<td>310/410</td>
<td>Honey Pine</td>
<td>Health 2*</td>
</tr>
<tr>
<td>320/420</td>
<td>Pecan</td>
<td>Flammability 2</td>
</tr>
<tr>
<td>330/430</td>
<td>Olde Maple</td>
<td>Reactivity 0</td>
</tr>
<tr>
<td>340/440</td>
<td>Antique White</td>
<td></td>
</tr>
<tr>
<td>350/450</td>
<td>Royal Walnut</td>
<td></td>
</tr>
</tbody>
</table>

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

% WT. | CAS No. | Ingredient Name | Vapor Pressure |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>15-22</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>26-33</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>0-0.3</td>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV Not Available</td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td></td>
<td>Proprietary Cobalt Carboxylate (380, Bombay Mahogany only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV Not Available</td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
<tr>
<td>5-6</td>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica (Satin Finishes only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td>OSHA PEL 6 mg/m3 as Dust</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE - None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LELUEL
104 °F 1.0 7.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abradng of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 - Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT 7.46-7.73 lb/gal  EVAPORATION RATE Slower than Ether
SPECIFIC GRAVITY 0.90-0.93  VAPOR DENSITY Heavier than Air
BOILING POINT 300-412 °F  MELTING POINT Not Available
VOLATILE VOLUME 56-57 %  SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
3.6-3.7 lb/gal  Less Federally Exempt Solvents
3.6-3.7 lb/gal  Emitted VOC

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
Cobalt and cobalt compounds are classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is inadequate evidence in humans for its carcinogenicity.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Continued -
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>136-52-7</td>
<td>Cobalt 2-Ethylhexanoate</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RAT 4HR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Proprietary Cobalt Carboxylate</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RAT 4HR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>112926-00-8</td>
<td>Amorphous Precipitated Silica</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RAT 4HR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>RAT</td>
<td>4999  mg/kg</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information - No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Cobalt Compound</td>
<td>max. 0.4</td>
<td>max. 0.03</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: 470 contains a chemical known to the State of California to cause cancer. 310, 320, 330, 340, 350, 360, 410, 420, 430, 440, 450 and 460 contain chemicals known to the State of California to cause cancer. 370, 380, 390, 480 and 490 contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.

200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: Putty/MW  Date of Preparation
Version: 03  March 21, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS  HMIS CODES
MINWAX WOOD PUTTY®
3610  Natural Pine  3615  Cherry  Health 1
3611  Golden Oak  3616  White  Flammability 0
3612  Colonial Maple  3617  Walnut  Reactivity 0
3613  Red Mahogany  3618  Ebony
3614  Early American  3619  Pickled Oak

MANUFACTURER'S NAME  EMERGENCY TELEPHONE NO.
MINWAX Company  (216) 566-2917
10 Mountainview Road  INFORMATION TELEPHONE NO.
Upper Saddle River, NJ  07458  (800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>14807-96-6</td>
<td>Talc</td>
<td>ACGIH TLV 2 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL 2 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td>80</td>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL 15 mg/m3 Total Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 – Fire Fighting Measures

FLASH POINT LEL UEL
Not Applicable N.A. N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 – Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove with inert absorbent.

Section 7 – Handling and Storage

STORAGE CATEGORY – Not Applicable

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Required for long or repeated contact.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.
Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 18.28 lb/gal  EVAPORATION RATE Slower than Ether
SPECIFIC GRAVITY 2.20  VAPOR DENSITY Heavier than Air
BOILING POINT Not Applicable  MELTING POINT Not Available
VOLATILE VOLUME 0 %  SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
0.0 lb/gal  Less Federally Exempt Solvents
0.0 lb/gal  Emitted VOC

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Incinerate in approved facility. Do not incinerate closed container.
Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information

- No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65
WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.
Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Stainable Wood Filler
42851 42852 42853

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>30-40</td>
<td>7631-86-9</td>
<td>Amorphous Silica.</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 6 mg/m3 as</td>
<td></td>
</tr>
<tr>
<td>5-10</td>
<td>471-34-1</td>
<td>Calcium Carbonate</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 15 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT
LEL
UEL
None
N.A.
N.A.

FLAMMABILITY CLASSIFICATION
Not Applicable

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - Not Applicable
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

This coating may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

Section 8 - Exposure Controls/Personal Protection (continued)

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Required for long or repeated contact.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

- Continued -
Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 6-7 lb/gal  
SPECIFIC GRAVITY 0.7-0.8  
BOILING POINT 212 °F  
VOLATILE VOLUME 26 %  
PH 9.5

EVAPORATION RATE Slower than Ether  
VAPOR DENSITY Heavier than Air  
MELTING POINT Not Available  
SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)  
0.0 lb/gal Less Federally Exempt Solvents  
0.0 lb/gal Emitted VOC

Section 10 – Stability and Reactivity

STABILITY - Stable  
CONDITIONS TO AVOID - None known.  
INCOMPATIBILITY - None known.  
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide  
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS  
No ingredient in this product is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
</tr>
</thead>
</table>
| 7631-86-9 | Amorphous Silica.  
|           | LC50 RAT 4HR Not Available  
|           | LD50 RAT Not Available  
| 471-34-1  | Calcium Carbonate  
|           | LC50 RAT 4HR Not Available  
|           | LD50 RAT Not Available |

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from this product is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.  
Incinerate in approved facility. Do not incinerate closed container.  
Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information

No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION  
No ingredients in this product are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

TSCA CERTIFICATION  
All chemicals in this product are listed, or are exempt from listing, on the TSCA Inventory.
Section 16 - Other Information

CANADIAN DISTRIBUTOR:  Consumer Brands Canada Inc.
                            200 Confederation Parkway
                            Vaughan, ON  L4K 4T8

NOTE:  This product has been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: Wax/MW

Version: 03

Date of Preparation: March 12, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Paste Finishing Wax
8500 Natural
8600 Special Dark

HMIS CODES
Health 2
Flammability 2
Reactivity 0

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ  07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>69-70</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Proprietary</td>
<td>C.I. Solvent Red 7</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 0.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 0.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td>0.10</td>
<td>Chromium III (as Cr)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To limit exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

- Continued -
Section 5 - Fire Fighting Measures

FLASH POINT

100 °F PMCC 1.0 6.0

FLAMMABILITY CLASSIFICATION

Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA

Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY – DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m3 (total dust), 3 mg./m3 (respirable fraction), OSHA PEL 15 mg./m3 (total dust), 5 mg./m3 (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 - Exposure Controls/ Personal Protection (continued)

RESPIRATORY PROTECTION
   If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
   When sanding, wirebrushing, abrading, burning or welding the dried film, wear a particulate respirator approved by NIOSH/MSHA for protection against non-volatile materials in Section 2.

PROTECTIVE GLOVES
   Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
   Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
   Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PROPERTIES</th>
<th>VALUES</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>6.71 lb/gal</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.81</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300-395 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>73 %</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.7 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>4.7 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Metals in Section 2
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
   No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.
   Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
   Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Solubility in Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>Proprietary</td>
<td>C.I. Solvent Red 7</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

- Continued -
**Section 12 - Ecological Information**

ECOTOXICOLOGICAL INFORMATION - No data available.

**Section 13 - Disposal Considerations**

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability and extractability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

**Section 14 - Transport Information** - No data available.

**Section 15 - Regulatory Information**

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Chromium Compound</td>
<td>1</td>
<td>0.1</td>
</tr>
</tbody>
</table>

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

**Section 16 - Other Information**

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.

200 Confederation Parkway

Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Water-Based Polyurethane for Floors
16666 Satin
17777 Semi-Gloss
18888 Gloss

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 – Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>34590-94-8</td>
<td>2-Methoxymethylethoxypropanol</td>
<td>0.4 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>121-44-8</td>
<td>Triethylamine</td>
<td>54 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 1 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 3 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 25 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>872-50-4</td>
<td>1-Methyl-2-Pyrrolidone</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPO\nRedness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
>200 °F N.A. N.A.
FLAMMABILITY CLASSIFICATION - Not Applicable
EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IIIB
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.
Section 8 – Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

Section 9 – Physical and Chemical Properties

| PRODUCT WEIGHT | 8.54-8.58 lb/gal | EVAPORATION RATE | Slower than Ether |
| SPECIFIC GRAVITY | 1.03 | VAPOR DENSITY | Heavier than Air |
| BOILING POINT | 185-396 °F | MELTING POINT | Not Available |
| VOLATILE VOLUME | 71 % | SOLUBILITY IN WATER | Not Available |
| pH | 8.3 |

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)

| 2.0 lb/gal | Less Federally Exempt Solvents |
| 0.8 lb/gal | Emitted VOC |

Section 10 – Stability and Reactivity

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>RAT</th>
<th>4HR</th>
<th>LD50</th>
<th>mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>34590-94-8</td>
<td>2-Methoxymethylmethoxypropanol</td>
<td>Not Available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>121-44-8</td>
<td>Triethylamine</td>
<td>Not Available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>872-50-4</td>
<td>1-Methyl-2-Pyrrolidone</td>
<td>Not Available</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION
No data available.

- Continued -
Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>121-44-8</td>
<td>Triethylamine</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>872-50-4</td>
<td>1-Methyl-2-Pyrrolidone</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain a chemical known to the State of California to cause birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.

200 Confederation Parkway

Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: WBWoodStain/MW
Version: 03
Date of Preparation: April 2, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Water-Based Wood Stain
1801 Vermont Maple 1805 Colonial Pine
1802 English Oak 1806 White Oak
1803 American Walnut 1807 Clear Tint Base
1804 Rosewood

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917
INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Titanium Dioxide (1806, White Oak only)</td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
</tr>
<tr>
<td></td>
<td>13463-67-7</td>
<td>OSHA PEL 10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
<tr>
<td>0-1</td>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 3.5 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. In a confined area vapors in high concentration may cause headache, nausea or dizziness.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
**Section 4 - First Aid Measures**

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

**Section 5 - Fire Fighting Measures**

FLASH POINT  LEL  UEL 
>200 °F  N.A.  N.A.

FLAMMABILITY CLASSIFICATION - Not Applicable

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Alcohol Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode (due to the build-up of pressure) when exposed to extreme heat. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**Section 6 - Accidental Release Measures**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

**Section 7 - Handling and Storage**

STORAGE CATEGORY - DOL Storage Class IIIB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

**Section 8 - Exposure Controls/Personal Protection**

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 - Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

Section 9 - Physical and Chemical Properties

PRODUCT WEIGHT 8.55–8.92 lb/gal  EVAPORATION RATE Slower than Ether
SPECIFIC GRAVITY 1.03–1.07  VAPOR DENSITY Heavier than Air
BOILING POINT 212–369 °F  MELTING POINT Not Available
VOLATILE VOLUME 84–86 %  SOLUBILITY IN WATER Not Available

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
2.8–3.5 lb/gal  Less Federally Exempt Solvents
0.6–0.8 lb/gal  Emitted VOC

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
Carbon Black is classified by IARC as possibly carcinogenic to humans(group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.
Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
</tr>
</thead>
<tbody>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50 RAT 4HR</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50 RAT</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>LC50 RAT 4HR</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td>LD50 RAT</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.
Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products is not hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information
No data available.

Section 15 – Regulatory Information
SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
CALIFORNIA PROPOSITION 65
WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information
CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS HMIS CODES
MINWAX® WIPE-ON POLY Oil-Based Polyurethane Finish
0900 Clear Gloss Health 2
0910 Clear Satin Flammability 2
Reactivity 0

MANUFACTURER'S NAME EMERGENCY TELEPHONE NO.
MINWAX Company (216) 566-2917
10 Mountainview Road INFORMATION TELEPHONE NO.
Upper Saddle River, NJ 07458 (800) 523-9299

Section 2 - Composition/Information on Ingredients

% WT. CAS No. Ingredient Name Vapor Pressure
----------------------------------------------------------------------------
70 64742-88-7 Mineral Spirits
ACGIH TLV 100 ppm
OSHA PEL 100 ppm
2 mm

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on
conditions of use. To minimize exposure, follow recommendations for proper use,
ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous
system depression. Extreme overexposure may result in unconsciousness and
possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of
excessive exposure to vapors or spray mists. Redness and itching or burning
sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm
and quiet.
If on SKIN: Wash affected area thoroughly with soap and water. Remove
contaminated clothing and launder before re-use.
If in EYES: Flush eyes with large amounts of water for 15 minutes.
Get medical attention.
If SWALLOWED: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
104-106 °F 1.0 6.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS

Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES

Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.
Section 8 - Exposure Controls/Personal Protection (continued)

**RESPIRATORY PROTECTION**

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

**EYE PROTECTION** - Wear safety spectacles with unperforated sideshields.

**OTHER PRECAUTIONS**

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>6.92–6.97 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.83–0.84</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300-395 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>75–76 %</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Slower than Ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS</td>
<td>4.8-4.9 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>4.8-4.9 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

Section 10 - Stability and Reactivity

**STABILITY** - Stable

**CONDITIONS TO AVOID** - None known.

**INCOMPATIBILITY** - None known.

**HAZARDOUS DECOMPOSITION PRODUCTS** - By fire: Carbon Dioxide, Carbon Monoxide

**HAZARDOUS POLYMERIZATION** - Will not occur

Section 11 - Toxicological Information

**CHRONIC HEALTH HAZARDS**

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

**TOXICOLOGY DATA**

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>Solubility</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

**ECOTOXICOLOGICAL INFORMATION** - No data available.
Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: 0900 contains a chemical known to the State of California to cause cancer. 0910 contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
# Material Safety Data Sheet

**Document Code:** Wood/MW  
**Version:** 03a  
**Date of Preparation:** March 19, 2003

## Section 1 - Product and Company Identification

**PRODUCT NAME & NUMBERS**  
**HMIS CODES**

<table>
<thead>
<tr>
<th>MINWAX® WOOD FINISH®</th>
<th>Health</th>
<th>Flammability</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>209 Natural</td>
<td>2*</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>210B Golden Oak</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>211 Provincial</td>
<td></td>
<td></td>
<td>0</td>
</tr>
<tr>
<td>215 Red Oak</td>
<td></td>
<td>Fruitwood</td>
<td></td>
</tr>
<tr>
<td>218 Puritan Pine</td>
<td></td>
<td>Golden Pecan</td>
<td></td>
</tr>
<tr>
<td>221 Ipswich Pine</td>
<td></td>
<td>Pickled Oak</td>
<td></td>
</tr>
<tr>
<td>222 Sedona Red</td>
<td></td>
<td>Driftwood</td>
<td></td>
</tr>
<tr>
<td>223 Colonial Maple</td>
<td></td>
<td>Dark Walnut</td>
<td></td>
</tr>
<tr>
<td>224 Special Walnut</td>
<td></td>
<td>Ebony</td>
<td></td>
</tr>
<tr>
<td>225 Red Mahogany</td>
<td></td>
<td>Jacobean</td>
<td></td>
</tr>
</tbody>
</table>

**MANUFACTURER'S NAME**  
**EMERGENCY TELEPHONE NO.**

*MINWAX Company (216) 566-2917*

10 Mountainview Road  
Upper Saddle River, NJ  07458  
**INFORMATION TELEPHONE NO.**  
(800) 523-9299

## Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>51-55</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>ACGIH TLV 100 ppm</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>4-5</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td>ACGIH TLV 100 ppm</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>6-9</td>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 5 mg/m³ as Mist</td>
<td>OSHA PEL 5 mg/m³ as Mist</td>
<td></td>
</tr>
<tr>
<td>6-9</td>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 5 mg/m³ as Mist</td>
<td>OSHA PEL 5 mg/m³ as Mist</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>14807-96-6</td>
<td>Talc (2718 Ebony only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 2 mg/m³ as Resp. Dust</td>
<td>OSHA PEL 2 mg/m³ as Resp. Dust</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>13463-67-7</td>
<td>Titanium Dioxide (260 Pickled Oak only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 10 mg/m³ as Dust</td>
<td>OSHA PEL 10 mg/m³ Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL 5 mg/m³ Respirable Fraction</td>
<td>OSHA PEL 5 mg/m³ Respirable Fraction</td>
<td></td>
</tr>
<tr>
<td>0.8</td>
<td>1333-86-4</td>
<td>Carbon Black (2718 Ebony only)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV 3.5 mg/m³</td>
<td>OSHA PEL 3.5 mg/m³</td>
<td></td>
</tr>
</tbody>
</table>

- Continued -
Section 3 - Hazards Identification

Routes of Exposure
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

Effects of Overexposure
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

Signs and Symptoms of Overexposure
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

Medical Conditions Aggravated by Exposure
None generally recognized.

Cancer Information
For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures
If Inhaled: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in Eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If Swallowed: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

Flash Point LEL UEL
104-110 °F PMCC 1.0 7.0

Flammability Classification - Combustible, Flash above 99 and below 200 °F

Extinguishing Media - Carbon Dioxide, Dry Chemical, Foam

Unusual Fire and Explosion Hazards
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

Special Fire Fighting Procedures
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures
Steps to be Taken in Case Material is Released or Spilled
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

Storage Category - DOL Storage Class II
Precautions to be Taken in Handling and Storage
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.
Section 7 – Handling and Storage (continued)

To minimize the possibility of spontaneous combustion: control the accumulation of overspray; soak wiping rags and waste immediately after use in a water-filled, closed metal container; air dry filters outside, far from any combustible material and separated by bricks or other non-combustible spacers; dispose of all contaminated materials and waste properly. Consult OSHA 29 CFR 1910.107(b)(5) and NFPA 33, Chapter 8 (8-9) for the proper procedures.

Section 8 – Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES

Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION

Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>6.96–7.27 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.84–0.87</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>300–412 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>64–66 %</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>4.1–4.2 lb/gal Less Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>4.1–4.2 lb/gal Emitted VOC</td>
</tr>
</tbody>
</table>

- Continued -
Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50</th>
<th>LD50</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>14807-96-6</td>
<td>Talc</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>Not Available</td>
<td>Not Available</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION
No data available.

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.
Section 14 - Transport Information

No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
# Material Safety Data Sheet

Document Code: WoodFinish-A/MW  
Date of Preparation: March 20, 2003

## Section 1 - Product and Company Identification

**PRODUCT NAME & NUMBERS**  
MINWAX® WOOD FINISH® (Aerosol)  
32102 Golden Oak  
32110 Provincial  
32150 Red Oak  
32240 Special Walnut  
32250 Red Mahogany  
32300 Early American  
32350 Cherry  
32450 Golden Pecan  
32716 Dark Walnut

**MANUFACTURER'S NAME**  
MINWAX Company  
10 Mountainview Road  
Upper Saddle River, NJ  07458

**EMERGENCY TELEPHONE NO.**  
(216) 566-2917

**INFORMATION TELEPHONE NO.**  
(800) 523-9299

## Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>74-98-6</td>
<td>Propane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>106-97-8</td>
<td>Butane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 800 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 800 ppm</td>
<td></td>
</tr>
<tr>
<td>14-15</td>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td>53 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>29-31</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>2-3</td>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td>1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>4-5</td>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td>4-5</td>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 as Mist</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>108-88-3</td>
<td>Toluene</td>
<td>22 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 50 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm (skin) STEL</td>
<td></td>
</tr>
</tbody>
</table>

## Section 3 - Hazards Identification

**ROUTES OF EXPOSURE**  
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.
Section 3 - Hazards Identification (continued)

EFFECTS OF OVEREXPOSURE
  Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
  Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE - None generally recognized.

CANCER INFORMATION
  For Complete Discussion of Toxicology Data Refer to Section 11.

Section 4 - First Aid Measures

If INHALED:  If affected, remove from exposure. Restore breathing. Keep warm and quiet.
If on SKIN:  Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
If in EYES:  Flush eyes with large amounts of water for 15 minutes. Get medical attention.
If SWALLOWED:  Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT  LEL  UEL
  Propellant < 0 °F  1.0  9.5

EXTINGUISHING MEDIA
  Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
  Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
  Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
  Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - NFPA 30B Level 3 Aerosol

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
  Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition. Consult NFPA Code. Use approved Bonding and Grounding procedures.
  Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

- Continued -
**Section 7 – Handling and Storage** (continued)

To minimize the possibility of spontaneous combustion: control the accumulation of overspray; soak wiping rags and waste immediately after use in a water-filled, closed metal container; air dry filters outside, far from any combustible material and separated by bricks or other non-combustible spacers; dispose of all contaminated materials and waste properly. Consult OSHA 29 CFR 1910.107(b)(5) and NFPA 33, Chapter 8 (8-9) for the proper procedures.

**Section 8 – Exposure Controls/Personal Protection**

**PRECAUTIONS TO BE TAKEN IN USE**

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

**VENTILATION**

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

**RESPIRATORY PROTECTION**

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

**PROTECTIVE GLOVES**

None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

**EYE PROTECTION**

Wear safety spectacles with unperforated sideshields.

**OTHER PRECAUTIONS**

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

**Section 9 – Physical and Chemical Properties**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>5.93–5.98 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.71–0.72</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>&lt;0–412 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>82–83 %</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)</td>
<td>Volatile Weight 75.17–77.21 % Less Federally Exempt Solvents</td>
</tr>
<tr>
<td>EVAPORATION RATE</td>
<td>Faster than Ether</td>
</tr>
<tr>
<td>VAPOR DENSITY</td>
<td>Heavier than Air</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

- Continued -
**Section 10 - Stability and Reactivity**

STABILITY - Stable

CONDITIONS TO AVOID - None known.

INCOMPATIBILITY - None known.

HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide

HAZARDOUS POLYMERIZATION - Will not occur

**Section 11 - Toxicological Information**

CHRONIC HEALTH HAZARDS

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>106-97-8</td>
<td>Butane</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-89-8</td>
<td>Lt. Aliphatic Hydrocarbon Solvent</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64741-65-7</td>
<td>Mineral Spirits (Odorless)</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-52-5</td>
<td>Heavy Naphthenic Petroleum Oil</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>64742-53-6</td>
<td>Highly refined Naphthenic Oil</td>
<td></td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td></td>
<td></td>
<td>4000 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5000 mg/kg</td>
<td></td>
</tr>
</tbody>
</table>

**Section 12 - Ecological Information**

ECOTOXICOLOGICAL INFORMATION - No data available.

**Section 13 - Disposal Considerations**

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State, and Local regulations regarding pollution.

**Section 14 - Transport Information** - No data available.
**Section 15 - Regulatory Information**

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

**Section 16 - Other Information**

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheet

Document Code: Woodsheen/MW
Version: 03
Date of Preparation: March 24, 2003

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® WOODSHEEN® Rubbing Oil Stain and Finish
HMIS CODES
Health 2*
Flammability 2
Reactivity 0

MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458
(216) 566-2917
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>60-72</td>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
<td>2 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1332-58-7</td>
<td>Kaolin (752, Dove White only)</td>
<td>2 mg/m3 as Resp. Dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2 mg/m3 as Resp. Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>13463-67-7</td>
<td>Titanium Dioxide (752, Dove White only)</td>
<td>5 mg/m3 Respirable Fraction</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 5 mg/m3 Respirable Fraction</td>
<td></td>
</tr>
<tr>
<td>0-0.4</td>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 3.5 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Exposure may be by INHALATION and/or SKIN or EYE contact, depending on conditions of use. To minimize exposure, follow recommendations for proper use, ventilation, and personal protective equipment.

EFFECTS OF OVEREXPOSURE
Irritation of eyes, skin and upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNS AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For Complete Discussion of Toxicology Data Refer to Section 11.
Section 4 - First Aid Measures

If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet.

If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.

If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.

If SWALLOWED: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

FLASH POINT LEL UEL
101-104 °F 1.0 6.0

FLAMMABILITY CLASSIFICATION - Combustible, Flash above 99 and below 200 °F

EXTINGUISHING MEDIA - Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class II

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Contents are COMBUSTIBLE. Keep away from heat and open flame. Consult NFPA Code. Use approved Bonding and Grounding procedures. Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 - Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES
Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION
Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

| PRODUCT WEIGHT | 6.82–7.51 lb/gal | EVAPORATION RATE | Slower than Ether |
| SPECIFIC GRAVITY | 0.82–0.90 | VAPOR DENSITY | Heavier than Air |
| BOILING POINT | 300–395 °F | MELTING POINT | Not Available |
| VOLATILE VOLUME | 70–76 % | SOLUBILITY IN WATER | Not Available |

VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)
4.5–4.9 lb/gal Less Federally Exempt Solvents
4.5–4.9 lb/gal Emitted VOC

Section 10 - Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 - Toxicological Information

CHRONIC HEALTH HAZARDS
Carbon Black is classified by IARC as possibly carcinogenic to humans (group 2B) based on experimental animal data, however, there is insufficient evidence in humans for its carcinogenicity.
Prolonged overexposure to solvent ingredients in Section 2 may cause adverse effects to the liver and urinary systems.
Rats exposed to titanium dioxide dust at 250 mg./m3 developed lung cancer, however, such exposure levels are not attainable in the workplace.
Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-88-7</td>
<td>Mineral Spirits</td>
</tr>
<tr>
<td></td>
<td>LC50</td>
</tr>
<tr>
<td></td>
<td>LD50</td>
</tr>
</tbody>
</table>

- Continued -
TOXICOLOGY DATA (continued)

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>1332-58-7</td>
<td>Kaolin</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
</tbody>
</table>

Section 12 - Ecological Information

ECOTOXICOLOGICAL INFORMATION
No data available.

Section 13 - Disposal Considerations

WASTE DISPOSAL METHOD
Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.
Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 - Transport Information

No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION
No ingredients in these products are subject to SARA 313 (40 CFR 372.65C) Supplier Notification.
CALIFORNIA PROPOSITION 65
WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.
TSCA CERTIFICATION
All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the CFR and the MSDS contains all of the information required by the CFR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheets

Document Code: Lacquer/MW
Version: 04
Date of Preparation: January 30, 2004

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS

MINWAX® Clear Brushing Lacquer
15000/15500 Clear Gloss    Health 2*
15005/15505 Clear Semi-Gloss  Flammability 3
15010/15510 Clear Satin  Reactivity 0

MINWAX® Clear Lacquer Sanding Sealer
15300/15400

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

EMERGENCY TELEPHONE NO.
(216) 566-2917

INFORMATION TELEPHONE NO.
(800) 523-9299

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>7.1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>6-8</td>
<td>1330-20-7</td>
<td>Xylene</td>
<td>5.9 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>4-5</td>
<td>67-63-0</td>
<td>2-Propanol</td>
<td>33 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 500 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>6-21</td>
<td>71-36-3</td>
<td>1-Butanol</td>
<td>5.5 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 20 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 50 ppm (skin) CEILING</td>
<td></td>
</tr>
<tr>
<td>6-33</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>110-43-0</td>
<td>Methyl n-Amyl Ketone</td>
<td>2.14 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 50 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>108-83-8</td>
<td>Diisobutyl Ketone</td>
<td>1.7 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 25 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 25 ppm</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>123-86-4</td>
<td>n-Butyl Acetate</td>
<td>10 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 150 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 200 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 200 ppm STEL</td>
<td></td>
</tr>
</tbody>
</table>
Section 3 - Hazards Identification

/routes of exposure

- Inhalation of vapor or spray mist.
- Eye or skin contact with the product, vapor or spray mist.

/effects of overexposure

- Eyes: Irritation.
- Skin: Prolonged or repeated exposure may cause irritation.
- Inhalation: Irritation of the upper respiratory system.
- May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

/signs and symptoms of overexposure

- Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.
- Medical conditions aggravated by exposure - None generally recognized.
- Cancer information

For complete discussion of toxicology data refer to section 11.

Section 4 - First Aid Measures

- Eyes: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
- Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before re-use.
- Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
- Ingestion: Do not induce vomiting. Get medical attention immediately.

Section 5 - Fire Fighting Measures

- Flash point: 12-49 °F
- LEL: 0.8
- UEL: 12.8

/flammability classification - Red Label -- Flammable, Flash below 100 °F

/extinguishing media - Carbon Dioxide, Dry Chemical, Foam

/unusual fire and explosion hazards

- Closed containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

/special fire fighting procedures

- Pull protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

/steps to be taken in case material is released or spilled

- Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.
Section 7 - Handling and Storage

STORAGE CATEGORY - DOL Storage Class IB

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

Consult NFPA Code. Use approved Bonding and Grounding procedures.

Keep container closed when not in use. Transfer only to approved containers with complete and appropriate labeling. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE

Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.

These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).

Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

VENTILATION

Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION

If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.

When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES - Wear gloves which are recommended by glove supplier for protection against materials in Section 2.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS

Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 - Physical and Chemical Properties

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>7.58–7.64 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>0.91–0.92</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>132-342 °F</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>78-82 %</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS</td>
<td>Less Water and Federally Exempt Solvents</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS</td>
<td>Emitted VOC</td>
</tr>
</tbody>
</table>

- Continued -
Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide, Oxides of Nitrogen, possibility of Hydrogen Cyanide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS

Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Prolonged overexposure to solvent ingredients in Section 2 for Brushing Lacquers may cause adverse effects to the liver, urinary, blood forming and reproductive systems. Prolonged overexposure to solvent ingredients in Section 2 for Sanding Sealer may cause adverse effects to the liver, urinary and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.

TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>3500 mg/kg</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td></td>
<td></td>
<td>5000 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>4300 mg/kg</td>
<td></td>
</tr>
<tr>
<td>67-63-0</td>
<td>2-Propanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>71-36-3</td>
<td>1-Butanol</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>8000 ppm</td>
<td></td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td></td>
<td></td>
<td>790 mg/kg</td>
<td></td>
</tr>
<tr>
<td>110-43-0</td>
<td>Methyl n-Amyl Ketone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>108-83-8</td>
<td>Diisobutyl Ketone</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>Not Available</td>
<td></td>
</tr>
<tr>
<td>123-86-4</td>
<td>n-Butyl Acetate</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4HR</td>
<td></td>
<td>2000 ppm</td>
<td></td>
</tr>
</tbody>
</table>

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION - No data available.

- Continued -
Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers.

Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.

Section 14 – Transport Information

No data available.

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>max. 8</td>
<td></td>
</tr>
<tr>
<td>71-36-3</td>
<td>1-Butanol</td>
<td>max. 21</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zinc Compound (Sanding Sealer only)</td>
<td>3</td>
<td>0.4</td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 – Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
Material Safety Data Sheets

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS
MINWAX® Clear Aerosol Lacquer
15200 Clear Gloss
15205 Clear Semi-Gloss
15210 Clear Satin
MINWAX® Clear Lacquer Sanding Sealer (Aerosol)
15215

MANUFACTURER'S NAME
MINWAX Company
10 Mountainview Road
Upper Saddle River, NJ 07458

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>15-17</td>
<td>74-98-6</td>
<td>Propane</td>
<td>760 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 2500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>64742-89-8</td>
<td>V. M. &amp; P. Naphtha</td>
<td>12 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 300 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 300 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 400 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>108-88-3</td>
<td>Toluene (Sanding Sealer only)</td>
<td>22 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 50 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm (skin)</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm (skin) STEL</td>
<td></td>
</tr>
<tr>
<td>0.6</td>
<td>100-41-4</td>
<td>Ethylbenzene (Clear Aerosol Lacquers only)</td>
<td>7.1 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>1330-20-7</td>
<td>Xylene (Clear Aerosol Lacquers only)</td>
<td>5.9 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 150 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>2-3</td>
<td>67-63-0</td>
<td>2-Propanol</td>
<td>33 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 400 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 500 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>21-34</td>
<td>67-64-1</td>
<td>Acetone</td>
<td>180 mm</td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 500 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 750 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 1000 ppm</td>
<td></td>
</tr>
</tbody>
</table>
Section 3 - Hazards Identification

ROUTES OF EXPOSURE
Inhalation of vapor or spray mist.
Eye or skin contact with the product, vapor or spray mist.

EFFECTS OF OVEREXPOSURE
Eyes: Irritation.
Skin: Prolonged or repeated exposure may cause irritation.
Inhalation: Irritation of the upper respiratory system. May cause nervous system depression. Extreme overexposure may result in unconsciousness and possibly death.

SIGNs AND SYMPTOMS OF OVEREXPOSURE
Headache, dizziness, nausea, and loss of coordination are indications of excessive exposure to vapors or spray mists. Redness and itching or burning sensation may indicate eye or excessive skin exposure.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
None generally recognized.

CANCER INFORMATION
For complete discussion of toxicology data refer to Section 11.

Section 4 - First Aid Measures

Eyes:Flush eyes with large amounts of water for 15 minutes. Get medical attention.
Skin: Wash affected area thoroughly with soap and water. Remove contaminated clothing and launder before reuse.
Inhalation: If affected, remove from exposure. Restore breathing. Keep warm and quiet.
Ingestion: Do not induce vomiting. Get medical attention immediately.
Section 5 - Fire Fighting Measures

FLASH POINT        LEL          UEL
Propellant < 0 °F      0.9          12.8

EXTINGUISHING MEDIA
Carbon Dioxide, Dry Chemical, Foam

UNUSUAL FIRE AND EXPLOSION HAZARDS
Containers may explode when exposed to extreme heat. Application to hot surfaces requires special precautions. During emergency conditions overexposure to decomposition products may cause a health hazard. Symptoms may not be immediately apparent. Obtain medical attention.

SPECIAL FIRE FIGHTING PROCEDURES
Full protective equipment including self-contained breathing apparatus should be used. Water spray may be ineffective. If water is used, fog nozzles are preferable. Water may be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

Section 6 - Accidental Release Measures

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
Remove all sources of ignition. Ventilate the area. Remove with inert absorbent.

Section 7 - Handling and Storage

STORAGE CATEGORY - Not Available
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE
Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.
Consult NFPA Code. Use approved Bonding and Grounding procedures.
Contents under pressure. Do not puncture, incinerate, or expose to temperature above 120°F. Heat from sunlight, radiators, stoves, hot water, and other heat sources could cause container to burst. Do not take internally. Keep out of the reach of children.

Section 8 - Exposure Controls/Personal Protection

PRECAUTIONS TO BE TAKEN IN USE
Use only with adequate ventilation. Avoid contact with skin and eyes. Avoid breathing vapor and spray mist. Wash hands after using.
These coatings may contain materials classified as nuisance particulates (listed "as Dust" in Section 2) which may be present at hazardous levels only during sanding or abrading of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg./m³ (total dust), 3 mg./m³ (respirable fraction), OSHA PEL 15 mg./m³ (total dust), 5 mg./m³ (respirable fraction).
Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

- Continued -
Section 8 – Exposure Controls/Personal Protection (continued)

VENTILATION
Local exhaust preferable. General exhaust acceptable if the exposure to materials in Section 2 is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, 1910.108.

RESPIRATORY PROTECTION
If personal exposure cannot be controlled below applicable limits by ventilation, wear a properly fitted organic vapor/particulate respirator approved by NIOSH/MSHA for protection against materials in Section 2.
When sanding or abrading the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlying paint, or the abrasive.

PROTECTIVE GLOVES - None required for normal application of aerosol products where minimal skin contact is expected. For long or repeated contact, wear chemical resistant gloves.

EYE PROTECTION - Wear safety spectacles with unperforated sideshields.

OTHER PRECAUTIONS
Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

Section 9 – Physical and Chemical Properties

PRODUCT WEIGHT 6.43–6.49 lb/gal EVAPORATION RATE Faster than Ether
SPECIFIC GRAVITY 0.77-0.78 VAPOR DENSITY Heavier than Air
BOILING POINT < 0-342 °F MELTING POINT Not Available
VOLATILE VOLUME 92-95 % SOLUBILITY IN WATER Not Available
VOLATILE ORGANIC COMPOUNDS (VOC Theoretical)

Section 10 – Stability and Reactivity

STABILITY - Stable
CONDITIONS TO AVOID - None known.
INCOMPATIBILITY - None known.
HAZARDOUS DECOMPOSITION PRODUCTS - By fire: Carbon Dioxide, Carbon Monoxide
HAZARDOUS POLYMERIZATION - Will not occur

Section 11 – Toxicological Information

CHRONIC HEALTH HAZARDS
Ethylbenzene is classified by IARC as possibly carcinogenic to humans (2B) based on inadequate evidence in humans and sufficient evidence in laboratory animals. Lifetime inhalation exposure of rats and mice to high ethylbenzene concentrations resulted in increases in certain types of cancer, including kidney tumors in rats and lung and liver tumors in mice. These effects were not observed in animals exposed to lower concentrations. There is no evidence that ethylbenzene causes cancer in humans.

Methyl Ethyl Ketone may increase the nervous system effects of other solvents. Prolonged overexposure to solvent ingredients in Section 2 for Clear Aerosol Lacquers may cause adverse effects to the liver, urinary, blood forming and reproductive systems. Prolonged overexposure to solvent ingredients in Section 2 for Sanding Sealer may cause adverse effects to the liver, urinary, cardiovascular and reproductive systems.

Reports have associated repeated and prolonged overexposure to solvents with permanent brain and nervous system damage.
### Section 11 - Toxicological Information (continued)

#### TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>74-98-6</td>
<td>Propane</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>64742-89-8</td>
<td>V. M. &amp; P. Naphtha</td>
<td>Not Available</td>
<td>Not Available</td>
</tr>
<tr>
<td>108-88-3</td>
<td>Toluene</td>
<td>4000 ppm</td>
<td>5000 mg/kg</td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>Not Available</td>
<td>3500 mg/kg</td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene</td>
<td>5000 ppm</td>
<td>4300 mg/kg</td>
</tr>
<tr>
<td>67-63-0</td>
<td>2-Propanol</td>
<td>Not Available</td>
<td>5045 mg/kg</td>
</tr>
<tr>
<td>67-64-1</td>
<td>Acetone</td>
<td>Not Available</td>
<td>5800 mg/kg</td>
</tr>
<tr>
<td>78-93-3</td>
<td>Methyl Ethyl Ketone</td>
<td>Not Available</td>
<td>2740 mg/kg</td>
</tr>
<tr>
<td>108-10-1</td>
<td>Methyl Isobutyl Ketone</td>
<td>Not Available</td>
<td>2080 mg/kg</td>
</tr>
<tr>
<td>108-21-4</td>
<td>Isopropyl Acetate</td>
<td>Not Available</td>
<td>3000 mg/kg</td>
</tr>
<tr>
<td>763-69-9</td>
<td>Ethyl 3-Ethoxypropionate</td>
<td>Not Available</td>
<td>5000 mg/kg</td>
</tr>
<tr>
<td>123-86-4</td>
<td>n-Butyl Acetate</td>
<td>2000 ppm</td>
<td>13100 mg/kg</td>
</tr>
<tr>
<td>628-63-7</td>
<td>Amyl Acetate</td>
<td>Not Available</td>
<td>6500 mg/kg</td>
</tr>
</tbody>
</table>

**Section 12 - Ecological Information**

ECOTOXICOLOGICAL INFORMATION - No data available.

**Section 13 - Disposal Considerations**

**WASTE DISPOSAL METHOD**

Waste from these products may be hazardous as defined under the Resource Conservation and Recovery Act (RCRA) 40 CFR 261. Waste must be tested for ignitability to determine the applicable EPA hazardous waste numbers. Waste from products containing Methyl Ethyl Ketone may also require extractability testing.

Do not incinerate. Depressurize container. Dispose of in accordance with Federal, State/Provincial, and Local regulations regarding pollution.
Section 14 - Transport Information

No data available.

Section 15 - Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>CHEMICAL/COMPOUND</th>
<th>% by WT</th>
<th>% Element</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-88-3</td>
<td>Toluene (Sanding Sealer only)</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene (Clear Aerosol Lacquers only)</td>
<td>0.6</td>
<td></td>
</tr>
<tr>
<td>1330-20-7</td>
<td>Xylene (Clear Aerosol Lacquers only)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>78-93-3</td>
<td>Methyl Ethyl Ketone (Clear Aerosol Lacquers only)</td>
<td>max 23</td>
<td></td>
</tr>
<tr>
<td>108-10-1</td>
<td>Methyl Isobutyl Ketone (Clear Aerosol Lacquers only)</td>
<td>4</td>
<td></td>
</tr>
</tbody>
</table>

CALIFORNIA PROPOSITION 65

WARNING: These products contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TSCA CERTIFICATION

All chemicals in these products are listed, or are exempt from listing, on the TSCA Inventory.

Section 16 - Other Information

CANADIAN DISTRIBUTOR: Consumer Brands Canada Inc.
200 Confederation Parkway
Vaughn, ON L4K 4T8

NOTE: These products have been classified in accordance with the hazard criteria of the Canadian Controlled Products Regulations (CPR) and the MSDS contains all of the information required by the CPR.

The above information pertains to these products as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to these products may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.
How To Read Our Material Safety Data Sheet

Material Safety Data Sheet (MSDS) is a document that contains information and instructions on the chemical and physical characteristics of a substance, its hazards and risks, the safe handling requirements and actions to be taken in the event of fire, spill, overexposure, etc.

Document Code: Paint  Date of Preparation
Version: 02  January 9, 2002

Section 1 - Product and Company Identification

PRODUCT NAME & NUMBERS  HMIS CODES
Interior/Exterior Paint  Health 3*
White  12345  Flammability 2
Black (12345)  Reactivity 0

PRODUCT NAME & NUMBER (Product numbers in parentheses indicate discontinued products).

HMIS CODES The Hazardous Material Identification System and National Fire Protection Association ratings provide quick and rough estimates of a product's health, flammability, and reactivity hazards. The ratings range from '0' to '4'. A rating of '0' indicates a minimal hazard; a '4' indicates a severe hazard. An asterisk following the health rating indicates the presence of a chronic health hazard. The PPE (Personal Protective Equipment) code associated with HMIS ratings is not given because the PPE code depends upon the actual conditions of use, which are unknown to the manufacturer.

MANUFACTURER'S NAME  EMERGENCY TELEPHONE NO.
INFORMATION TELEPHONE NO.

Section 2 - Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>% WT.</th>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.1</td>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 100 ppm</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 125 ppm STEL</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>ACGIH TLV 3.5 mg/m3</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>OSHA PEL 3.5 mg/m3</td>
<td></td>
</tr>
</tbody>
</table>

% WT. indicates the percent by weight of a listed ingredient in the product at time of printing.

CAS No. The Chemical Abstracts Service-assigned number which uniquely identifies a chemical. It can be used as a tool to further research a chemical’s properties or hazards.

Vapor Pressure The pressure exerted by the saturated vapor above any liquid. Expressed in millimeters of mercury at 68 °F. May be used to estimate air concentration at a given temperature.

TLV (Threshold Limit Value) is the airborne concentration of the substance, which represent conditions under which it is believed nearly all workers may be repeatedly exposed day after day without adverse effect. TLV's are limits recommended by the ACGIH (American Conference of Governmental Industrial Hygienists). Unless otherwise designated the TLV represents a 40 hour time-weighted average.

- Continued -
**PEL** (Permissible Exposure Limit) represents the airborne concentration that has been established by OSHA (the Occupational Safety & Health Administration) as the enforceable exposure limit. Unless otherwise specified, the PEL represents an eight hour average exposure limit.

**STEL** (Short-Term Exposure Limit) refers to the airborne concentration to which employees can be exposed for up to 15 minutes without suffering ill effects.

**CEILING** limit is an airborne concentration that should not be exceeded during any part of the work day.

**ppm** parts of a substance per million parts of air. It is a measure of concentration by volume in air.

**mg/m³** The weight in milligrams of a substance per cubic meter of air.

A **Skin** notation indicates that a potentially significant contribution to the overall exposure may occur by skin absorption.

**Section 3 – Hazards Identification**

**ROUTES OF EXPOSURE**

**EFFECTS OF OVEREXPOSURE**

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE**

**CANCER INFORMATION**

**Section 4 – First Aid Measures**

If INHALED
If on SKIN
If in EYES
If SWALLOWED

**Section 5 – Fire Fighting Measures**

<table>
<thead>
<tr>
<th>FLASH POINT</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>104 °F PMCC</td>
<td>1.0</td>
<td>7.0</td>
</tr>
</tbody>
</table>

**FLASH POINT** means the minimum temperature at which a liquid gives off vapor in sufficient concentration to ignite. Two test methods are normally used per 1910.106(a)(14); 49 CFR 173.115(d).

1. **TCC** Tagliabue Closed Tester (see American National Standard Method of Test for Flash Point by Tag Closed Tester, 211.24 1971 (ASTM D 56-77)—for liquids with a viscosity of less than 45 Saybolt Universal Seconds (SUS) at 100°F(37.8°C), that do not contain suspended solids and do not have tendency to form a surface film under test.

2. **PMCC** Pensky-Martens Closed Tester (see American National standard Method of Test for Flash Point by Pensky-Martens Closed Tester, 211.7-1974 (ASTM D 93-79))—for liquids with a viscosity equal to or greater than 45 SUS at 100°F(37.8°C), or that contain suspended solids, or that have tendency to form a surface film under test.

**LEL** (Lower Explosive Limit) refers to the lowest concentration of gas or vapor (% by volume in air) which will burn or explode if an ignition source is present.

**UEL** (Upper Explosive Limit) refers to the highest concentration of gas or vapor (% by volume in air) which will burn or explode if an ignition source is present.

**FLAMMABILITY CLASSIFICATION**

Combustible, Flash above 99 and below 200 °F

**Flammable liquid** By OSHA DOL’s definition, a Flammable liquid has a flash point below 100°F(37.8°C) per 1910.106(a)(19); CFR 173.115(a). Be aware that the Flammable liquid definition for transportation regulations may differ from this definition.
**Combustible liquid** means a liquid having a flash point at or above 100°F (37.8°C) but below 200°F (93.3°C), except that this term does not include any liquid mixture that has one or more components with flash point above 200°F (93.3°C) which make up 99% or more of the total volume of the mixture. (For test method, see definition of “Flash Point”. 1910.106(a)(18); 49 CFR 173.115(b).

**EXTINGUISHING MEDIA**

UNUSUAL FIRE AND EXPLOSION HAZARDS

**SPECIAL FIRE FIGHTING PROCEDURES**

**Section 6 – Accidental Release Measures**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

**Section 7 – Handling and Storage**

STORAGE CATEGORY

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE

**Section 8 – Exposure Controls/Personal Protection**

PRECAUTIONS TO BE TAKEN IN USE

VENTILATION

RESPIRATORY PROTECTION

PROTECTIVE GLOVES

EYE PROTECTION

OTHER PRECAUTIONS

**Section 9 – Physical and Chemical Properties**

PRODUCT WEIGHT 7.0 lb./gal.  EVAPORATION RATE Slower than Ether

SPECIFIC GRAVITY 0.84  VAPOR DENSITY Heavier than Air

BOILING POINT 300-412 °F  MELTING POINT N.A.

VOLATILE VOLUME 70 %  SOLUBILITY IN WATER N.A.

VOC 4.5 lbs./gal. (less exempt solvents)

**VAPOR DENSITY** refers to the relative density or weight of a vapor or gas (with no air present) compared with an equal volume of air at ambient temperature.

**VOC** Theoretical Volatile Organic Compounds content (less exempt solvents unless otherwise indicated).

**Section 10 – Stability and Reactivity**

STABILITY

CONDITIONS TO AVOID

INCOMPATIBILITY

HAZARDOUS DECOMPOSITION PRODUCTS

HAZARDOUS POLYMERIZATION

**Section 11 – Toxicological Information**

CHRONIC HEALTH HAZARDS

**CHRONIC** means a long time period of action in weeks, months, or years.

No ingredient in these products is an IARC, NTP or OSHA listed carcinogen.

**IARC** is the International Agency for Research on Cancer.

**NTP** is the National Toxicology Program.

**OSHA** is the Occupational Safety and Health Administration.
TOXICOLOGY DATA

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Ingredient Name</th>
<th>LC50 RAT 4HR</th>
<th>LD50 RAT 3500 mg/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>100-41-4</td>
<td>Ethylbenzene</td>
<td>Not Established</td>
<td>3500 mg/kg</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>Not Established</td>
<td>&gt;15400</td>
</tr>
</tbody>
</table>

**LC50** (Lethal Concentration Fifty) a concentration of a material in air, exposure to which is expected to cause the death of 50% of an experimental animal population. A four hour exposure is commonly used.

**LD50** (Lethal Dose Fifty) a dose of a material that is expected to cause the death of 50% of an experimental animal population. It is typically based upon an oral dose of the material.

Section 12 – Ecological Information

ECOTOXICOLOGICAL INFORMATION

Section 13 – Disposal Considerations

WASTE DISPOSAL METHOD

Section 14 – Transport Information

Section 15 – Regulatory Information

SARA 313 (40 CFR 372.65C) SUPPLIER NOTIFICATION

**CALIFORNIA PROPOSITION 65** is a California regulation requiring disclosure of possible carcinogen, birth defects and other reproductive hazards in products available in California.

**TSCA CERTIFICATION** indicates whether chemicals in this product are listed on the U.S. EPA Toxic Substances Control Act (TSCA) Inventory List.

Section 16 – Other Information

NOTE: These products have been classified in accordance with the hazard criteria of the CPR and the MSDS contains all of the information required by the CPR

The above information pertains to this product as currently formulated, and is based on the information available at this time. Addition of reducers or other additives to this product may substantially alter the composition and hazards of the product. Since conditions of use are outside our control, we make no warranties, express or implied, and assume no liability in connection with any use of this information.