**CHARACTERISTICS**

**Pro Industrial Acrylic** is an ambient cured, single component 100% acrylic coating. It is designed for interior and exterior industrial and commercial applications:

- Chemical resistant
- Excellent color and gloss retention
- Outstanding early moisture resistance
- Flash rust/early rust resistant
- Suitable for use in USDA inspected facilities
- Fast dry

**Color:** most colors

**Recommended Spread Rate per coat:**
- Wet mils: 6.0 - 12.0
- Dry mils: 2.5 - 4.0
- Coverage: 140 - 225 sq ft/gal approximate

Note: Brush or roll application may require multiple coats to achieve maximum film thickness and uniformity of appearance.

**Drying Time @ 7.0 mls wet 50% RH:**
- @ 50°F @ 77°F @ 120°F
  - To touch: 1 hr 30 min 5 min
  - Tack free: 8 hrs 5 hrs 15 min
  - To recoat: 8 hrs 5 hrs 15 min
  - To cure: 30 days 30 days 30 days

Drying time is temperature, humidity, and film thickness dependent.

**Finish:** Gloss, Semi-Gloss, Egg-Shel

**Flash Point:** N/A

**Shelf Life:** 36 months, unopened

Store indoors at 40°F to 100°F.

**Tinting with CCE only:**
- Base oz/gal Strength
  - Extra White 0-4 100%
  - Deep Base 8-12 100%
  - Ultradeep Base 8-12 100%

**B66W00611** (may vary by color)

**VOC Unreduced:** <50 g/L, <0.42 lb/gal as per 40 CFR 59.406 and SOR/2009-264, s. 12

**Volume Solids:** 35 ± 2%

**Weight Solids:** 44 ± 2%

**Weight per Gallon:** 9.5 lb/gal ±2%

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**RECOMMENDED SYSTEMS**

**Steel:**
- 2 cts. Pro Industrial Acrylic

**Steel:**
- 1 ct. Pro Industrial Pro-Cry Primer or DTM Acrylic Primer/Finish or Kem Bond HS or Zinc Clad Primer
- 1-2 cts. Pro Industrial Acrylic

**Aluminum:**
- 1-2 cts. Pro Industrial Acrylic

**Aluminum:**
- 1 ct. Pro Industrial Pro-Cry Primer 1-2 cts. Pro Industrial Acrylic

**Concrete Block:**
- 1 ct. Loxon Block Surfacr 1-2 cts. Pro Industrial Acrylic

**Concrete/Masonry:**
- 1 ct. Loxon Masonry Primer 1-2 cts. Pro Industrial Acrylic

**Drywall:**
- 1 ct. ProMar 200 Primer 1-2 cts. Pro Industrial Acrylic

**Galvanizing:**
- 2 cts. Pro Industrial Acrylic

**Prefinished Siding: (Baked-on finishes)**
- 1 ct. DTM Bonding Primer 1-2 cts. Pro Industrial Acrylic

**Wood, exterior:**
- 1 ct. Exterior Wood Primer 1-2 cts. Pro Industrial Acrylic

**Wood, interior:**
- 1 ct. Premium Wall & Wood Primer 1-2 cts. Pro Industrial Acrylic

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*Application of coating on unprimed steel may cause pinpoint rusting. Safety Colors, Deep Base, and Ultradeep colors require a prime coat for maximum durability, adhesion, and corrosion protection.

**System Tested:** (unless otherwise indicated)

**Substrate:** Steel

**Surface Preparation:** SSPC-SP10

**Finish:** 2 cts. Pro Industrial Acrylic

**Adhesion:**
- Method: ASTM D4541
- Result: 1386 psi

**Corrosion Weathering 8:**
- Method: ASTM D5894, 1500 hours, 5 cycles
- Result: Rating 10, per ASTM D714 for blistering
  - Rating 9 per ASTM D1654 for corrosion

**Direct Impact Resistance:**
- Method: ASTM D2794
- Result: >160 in. lb

**Dry Heat Resistance:**
- Method: ASTM D2485
- Result: 250°F

**Flexibility:**
- Method: ASTM D522, 180° bend, 1/8" mandrel
- Result: Passes

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**Humidity Resistance:**
- Method: ASTM D4585, 1500 hours
- Result: Rating 10 per ASTM D714 for blistering
  - Rating 10 per ASTM D1654 for corrosion

**Pencil Hardness:**
- Method: ASTM D3363
- Result: 2B

**Salt Fog Resistance:**
- Method: ASTM B117, 500 hours
- Result: Rating 10 per ASTM D714 for blistering
  - Rating 9 per ASTM D1654 for corrosion

**Thermal Cycling:**
- Method: ASTM D2246, 5 cycles
- Result: Passes

*over Pro Industrial Pro-Cry Primer
**SURFACE PREPARATION**

**WARNING!** 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.

Do not use hydrocarbon solvents for cleaning.

**Iron & Steel** - Minimum surface preparation is Hand Tool Clean per SSPC-SP2. Remove all oil and grease from surface per SSPC-SP1. For better performance, use Commercial Blast Cleaning per SSPC-SP6. Primer recommended for best performance.

**Aluminum** - Remove all oil, grease, dirt, oxide and other foreign material per SSPC-SP1.

**Galvanizing** - Allow to weather a minimum of six months prior to coating. Solvent Clean per SSPC-SP1. When weathering is not possible, or the surface has been treated with chromates or silicates, first Solvent Clean per SSPC-SP1 and apply a test patch. Allow paint to dry at least one week before testing adhesion. If adhesion is poor, brush blasting per SSPC-SP7 is necessary to remove these treatments. Rusty galvanizing requires a minimum of Hand Tool Cleaning per SSPC-SP2; prime the area the same day as cleaned.

**Concrete and Masonry** - For surface preparation, refer to SSPC-SP13/NACE 6 or ICRI 03732, CSP 1-3. Surfaces should be thoroughly cleaned and dry. Surface temperatures must be at least 55°F before filling. If required for a smoother finish, use the recommended filler/surfacer. The filler/surfacer must be thoroughly dry before topcoating per manufacturer's recommendations. Weathered masonry and soft or porous cement board must be brush blasted or power tool cleaned to remove loosely adhering contamination and get to a hard, firm surface. Apply one coat Loxon Conditioner, following label recommendations.

**Wood** - Surface must be clean, dry and sound. Prime with recommended primer. No painting should be done immediately after a rain or during foggy weather. Knots and pitch streaks must be scraped, sanded and spot primed before full coat of primer is applied. All nail holes or small openings must be properly caulked.

**Previously Painted Surfaces** - If in sound condition, clean the surface of all foreign material. Smooth, hard or glossy coatings and surfaces should be dulled by abrading the surface. Apply a test area, allowing paint to dry one week before testing adhesion. If adhesion is poor, additional abrasion of the surface and/or removal of the previous coating may be necessary. Retest surface for adhesion. If paint is peeling or badly weathered, clean surface to sound substrate and treat as a new surface as above.

**MPI Spec #**

<table>
<thead>
<tr>
<th>Gloss</th>
<th>114, 119, 148, 154, 164</th>
</tr>
</thead>
<tbody>
<tr>
<td>Semi-Gloss</td>
<td>141, 147, 153, 163</td>
</tr>
</tbody>
</table>

**APPLICATION**

Refer to the MSDS before use.

**Temperature:**

- 50°F minimum
- 120°F maximum
  (Air, surface, and material)

**Relative humidity:** 85% maximum

The following is a guide. Changes in pressures and tip sizes may be needed for proper spray characteristics. Always purge spray equipment before use with listed reducer. Any reduction must be compatible with the existing environmental and application conditions.

**Reducer**

- Water

**Airless Spray**

<table>
<thead>
<tr>
<th>Gun</th>
<th>Binks 95</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pressure</td>
<td>1500 psi</td>
</tr>
<tr>
<td>Hose</td>
<td>1/4&quot; ID</td>
</tr>
<tr>
<td>Tip</td>
<td>.017&quot; - .021&quot;</td>
</tr>
<tr>
<td>Filter</td>
<td>60 mesh</td>
</tr>
<tr>
<td>Reduction</td>
<td>Not recommended</td>
</tr>
</tbody>
</table>

**Conventional Spray**

<table>
<thead>
<tr>
<th>Gun</th>
<th>66</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atomization Pressure</td>
<td>50 psi</td>
</tr>
<tr>
<td>Fluid Pressure</td>
<td>15-20 psi</td>
</tr>
<tr>
<td>Reduction</td>
<td>As needed up to 12%/by volume</td>
</tr>
</tbody>
</table>

**Brush**

- Nylon / polyester

**Roller**

- 3/8" woven

If specific application equipment is listed above, equivalent equipment may be substituted.

**CLEANUP INFORMATION**

Clean spills and splatters immediately with soap and warm water. Clean hands and tools immediately after use with soap and warm water. After cleaning, flush spray equipment with Mineral Spirits to prevent rusting of the equipment. Follow manufacturer's safety recommendations when using Mineral Spirits.

**NOTE:** If coating is allowed to "set-up", Reducer #54 may be required for cleaning. Follow manufacturer's safety recommendations when using Reducer #54.
Material Safety Data Sheets
MATERIAL SAFETY DATA SHEET

B66W651
12 00

SECTION 1 — PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NUMBER
B66W651

PRODUCT NAME
PRO INDUSTRIAL™ Acrylic - Semi-Gloss, Extra White

MANUFACTURER’S NAME
THE SHERWIN-WILLIAMS COMPANY
101 Prospect Avenue N.W.
Cleveland, OH 44115

Telephone Numbers and Websites

<table>
<thead>
<tr>
<th>Product Information</th>
<th>(800) 524-5979</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><a href="http://www.sherin-williams.com">www.sherin-williams.com</a></td>
</tr>
<tr>
<td>Regulatory Information</td>
<td>(216) 556-2902</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.paintdocs.com">www.paintdocs.com</a></td>
</tr>
<tr>
<td>Medical Emergency</td>
<td>(216) 556-2917</td>
</tr>
<tr>
<td>Transportation Emergency</td>
<td>(800) 424-9300</td>
</tr>
<tr>
<td></td>
<td>For Chemical Emergency ONLY (spill, leak, fire, exposure, or accident)</td>
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</tbody>
</table>

SECTION 2 — COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>% by Weight</th>
<th>CAS Number</th>
<th>Ingredient</th>
<th>Units</th>
<th>Vapor Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>13463-67-7</td>
<td>Titanium Dioxide</td>
<td>ACGIH TLV 10 mg/m3 as Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>OSHA PEL 10 mg/m3 Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<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
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.

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

EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention.
SKIN: Wash affected area thoroughly with soap and water.
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: Not Applicable
LEL: Not
UEL: Not
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
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 labelling. 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 ablarding of the dried film. If no specific dusts are listed in Section 2, the applicable limits for nuisance dusts are ACGIH TLV 10 mg/m^3 (total dust), 3 mg/m^3 (respirable fraction), OSHA PEL 15 mg/m^3 (total dust), 5 mg/m^3 (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 ablarding the dried film, wear a dust/mist respirator approved by NIOSH/MSHA for dust which may be generated from this product, underlaying 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

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
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</thead>
<tbody>
<tr>
<td>PRODUCT WEIGHT</td>
<td>9.53 lb/gal</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY</td>
<td>1.15</td>
</tr>
<tr>
<td>BOILING POINT</td>
<td>212 - 213 °F</td>
</tr>
<tr>
<td>MELTING POINT</td>
<td>Not Available</td>
</tr>
<tr>
<td>VOLATILE VOLUME</td>
<td>63%</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>SOLUBILITY IN WATER</td>
<td>Not Available</td>
</tr>
<tr>
<td>pH</td>
<td>9.0</td>
</tr>
<tr>
<td>VOLATILE ORGANIC COMPOUNDS (VOC Theoretical - As Packaged)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>0.00 lb/gal</td>
</tr>
<tr>
<td></td>
<td>0 g/l</td>
</tr>
<tr>
<td></td>
<td>Less Water and Federally Exempt Solvents</td>
</tr>
<tr>
<td></td>
<td>0.00 lb/gal</td>
</tr>
<tr>
<td></td>
<td>0 g/l</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
IARC's Monograph No. 93 reports there is sufficient evidence of carcinogenicity in experimental rats exposed to titanium dioxide but inadequate evidence for carcinogenicity in humans and has assigned a Group 2B rating. In addition, the IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

TOXICOLOGY DATA

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

Multi-modal shipping descriptions are provided for informational purposes and do not consider container sizes. The presence of a shipping description for a particular mode of transport (ocean, air, etc.), does not indicate that the product is packaged suitably for that mode of transport. All packaging must be reviewed for suitability prior to shipment, and compliance with the applicable regulations is the sole responsibility of the person offering the product for transport.

US Ground (DOT)
Not Regulated for Transportation.

Canada (TDG)
Not Regulated for Transportation.

IMO
Not Regulated for Transportation.

IATA/ICAO
Not Regulated for Transportation.

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>
</table>

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

This product has 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 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.