Rust-Oleum® Professional DTM Alkyd Enamels are oil-modified alkyds with excellent rust prevention when applied directly to metal. They also offer excellent coverage, chip resistance and color retention. Not for use on galvanized steel.

### Products

**Primers (Gallons)**
- SKU 7769402: Rusty Metal Primer
- SKU 7780402: White Clean Metal Primer
- SKU 8781402: Aluminum Primer

**Finishes (Gallons)**
- SKU 7715402: Aluminum
- SKU 7524402: Safety Blue
- SKU 7727402: Royal Blue
- SKU 7738402: Hunter Green
- SKU 7543402: Safety Yellow
- SKU 7748402: Dark Brown
- SKU 7555402: Safety Orange
- SKU 7564402: Safety Red
- SKU 7765402: Regal Red
- SKU 7770402: Almond
- SKU 7771402: Sand
- SKU 7775402: Leather Brown
- SKU 7776402: Flat Black
- SKU 7779402: Black
- SKU 7781402: Light Machine Gray
- SKU 7786402: Smoke Gray
- SKU 7790402: Flat White
- SKU 7792402: White
- SKU 239076: Semi-Gloss White
- SKU 239078: Semi-Gloss Black

**Finishes (Quarts)**
- SKU V7727502: Royal Blue
- SKU V7738502: Hunter Green
- SKU V7570502: Almond
- SKU V7575502: Leather Brown
- SKU V7579502: Gloss Black
- SKU 7578502: Flat Black
- SKU V7586502: Smoke Gray
- SKU 7590502: Flat White
- SKU V7592502: Gloss White
- SKU 202191T: Safety Yellow
- SKU 202192T: Safety Red
- SKU 243995L: Semi-Gloss Black
- SKU 243996T: Semi-Gloss White

### Description and Uses
Rust-Oleum® Professional DTM Alkyd Enamels can be used over most latex or oil paints. Professional DTM Alkyd Enamels and Primers are not recommended for water immersion.

### Surface Preparation
Clean surface with soap and water, rinse and let dry. Remove loose paint and rust with a wire brush or sandpaper. Lightly sand glossy surfaces.

**Warning!** If you scrape, sand, or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

### Application
Mix thoroughly to ensure any settled pigment is re-dispersed before using. Thin material, only if necessary, with acetone. For brush or roller, thinning is not normally required. For air spray, thin up to 1½ to 2 pints per gallon. Do not thin with gasoline, lacquer thinner, turpentine, etc. For airless spray, thinning is not normally required. Apply with a good quality brush, roller or spray gun.

**Brush:** Use light, even strokes. Excessive brushing reduces film thickness and protection.

**Roller:** The rougher the surface, the longer the roller nap should be. Cover approximately one square yard at a time. Roll away from previously coated area and work back over it for a uniform appearance. Use a brush on crevices and sharp edges.

**Spray Gun:** Follow spray gun directions carefully. Always keep the gun ten to twelve inches from the surface and in motion while spraying.

### Dry & Recoat Times
Dry and recoat times are based on 70°F (21°C) and 50% relative humidity. Allow more time at cooler temperatures. Dries to the touch in 2-4 hours, to handle in 5-10 hours and is fully dry after 24 hours. Recoat after 24 hours.

### Clean-Up
Clean brush, roller and other tools with mineral spirits.
## PHYSICAL PROPERTIES

<table>
<thead>
<tr>
<th>Physical Property</th>
<th>DTM ALKYD ENAMEL 450 VOC FINISHES</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Resin Type</strong></td>
<td>Modified Alkyd</td>
</tr>
<tr>
<td><strong>Pigment Type</strong></td>
<td>Varies with color</td>
</tr>
<tr>
<td><strong>Solvents</strong></td>
<td>Aliphatic Hydrocarbons</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td></td>
</tr>
<tr>
<td>Per Gallon</td>
<td>7.6-8.9 lbs.</td>
</tr>
<tr>
<td>Per Liter</td>
<td>0.9-1.1 kg</td>
</tr>
<tr>
<td><strong>Solids</strong></td>
<td></td>
</tr>
<tr>
<td>By Weight</td>
<td>51-59%</td>
</tr>
<tr>
<td>By Volume</td>
<td>42-43%</td>
</tr>
<tr>
<td><strong>Volatile Organic Compounds</strong></td>
<td>&lt;450 g/l (3.75 lbs./gal.)</td>
</tr>
<tr>
<td><strong>Recommended Dry Film Thickness (DFT) Per Coat</strong></td>
<td>1.5-2.5 mils (37.5-62.5µ)</td>
</tr>
<tr>
<td><strong>Wet Film to Achieve DFT (unthinned material)</strong></td>
<td>3.5-6.0 mils (87.5-150µ)</td>
</tr>
<tr>
<td><strong>Practical Coverage at Recommended DFT (assumes 15% material loss)</strong></td>
<td>230-390 sq.ft./gal. (5.7-9.6 m²/l)</td>
</tr>
<tr>
<td><strong>Dry Times at 70-80°F (21-27°C) and 50% Relative Humidity</strong></td>
<td></td>
</tr>
<tr>
<td>Touch</td>
<td>2-4 hours</td>
</tr>
<tr>
<td>Handle</td>
<td>5-10 hours</td>
</tr>
<tr>
<td>Recoat</td>
<td>24 hours</td>
</tr>
<tr>
<td><strong>Dry Heat Resistance</strong></td>
<td>212°F (100°C)</td>
</tr>
<tr>
<td><strong>Shelf Life</strong></td>
<td>5 years</td>
</tr>
<tr>
<td><strong>Flash Point</strong></td>
<td>104°F (93°C)</td>
</tr>
<tr>
<td><strong>Safety Information</strong></td>
<td>For additional information, see SDS</td>
</tr>
</tbody>
</table>

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