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## PRODUCT DATA SHEET

# TUFF-BOY 880 INTERIOR/EXTERIOR SILICONE ALKYD GLOSS ENAMEL

### PRODUCT PROFILE

#### DESCRIPTION

Tuff-Boy 880 Enamel is a premium gloss Industrial Maintenance enamel that has been uniquely formulated with a silicone resin so that it is easy to apply, has good flow and leveling properties and outstanding gloss and color retention. The primary benefit of this product over a traditional alkyd enamel is the excellent gloss and color retention, which will provide for many more years of service. This weather resistant enamel also features excellent hiding and outstanding durability, and has a much higher concentration of silicone resin than traditional silicone alkyds (greater than 30%). When used with the Tuff-Boy Rust Stop primers, this product provides excellent corrosion protection for ferrous metals. The performance of this product meets Federal Specification #TT-E-1593.

#### TYPICAL USE

This product is recommended for commercial, industrial and institutional applications over properly primed interior or exterior wood, metal, and masonry surfaces. This product is ideal for use on exterior heavy equipment, machinery, wainscots, structural steel, tanks, tractors, safety equipment, piping, hand rails and fences due to the product's outstanding gloss and color retention.

#### PRIMERS

All bare spots should be primed with the appropriate primer. Prime interior wood and metal with #599 Enamel Undercoater. Prime exterior wood with #160 Oil-Base Undercoater. Prime ferrous metal surfaces with any of the Tuff-Boy Rust Stop Primers (#1022 White, #1024 or #1026 Red or #1069 Gray). Prime aluminum and galvanized surfaces with #697 100% Acrylic Bonding Primer. All unfilled concrete blocks should be filled with #470 Block Filler.

#### S U R F A C E PREPARATION

The surface to be painted should be dry and free of any dirt, chalk, loose or peeling paint, grease, mildew, oil, rust, or other foreign contaminants. Repair/Caulk all cracks and fill all small holes or surface voids with putty or spackling compound and then sand to smooth finish, followed by dusting. Glossy enamel finishes should be sanded and primed with appropriate primer prior to application. Minimum surface preparation for metal surfaces is Hand Tool Cleaning per SSPC-SP2. All new masonry surfaces require at least 30 days to cure and should not be painted if the pH of the masonry surface is above 10.0. If you have any questions about proper surface preparation check your surface preparation guide or consult your Farrell-Calhoun representative.

<b>COLOR</b>	Available in white and can be tinted with universal colorants.
<b>FINISH</b>	High Gloss @ 60° 85 - 95
<b>SOLIDS</b>	66.4% by weight/50.2% by volume
<b>T H E O R E T I C A L APPLICATION RATE</b>	805 square feet per gallon at 1.0 mil dry film thickness. Coverage figures do not include loss of material while mixing, porosity or irregularity of the surface to be painted, or application methods.
<b>R E C O M M E N D E D SPREAD RATE</b>	Apply at 500-400 square feet per gallon to achieve a WFT of 4.0 Mils and a DFT of 2.0 Mils per coat.
<b>VOC</b>	395 grams per liter
<b>DRY TIME</b>	At 77°F and 50% relative humidity: Four to Six hours to dust, dirt and bug free, six to eight hours to tack free, and eight to twelve hours to recoat.
<b>A P P L I C A T I O N PRECAUTIONS</b>	Do not paint if the atmospheric temperature or the substrate temperature is below 45°F or above 90°F. Do not paint late in the day when dew or condensation is likely to form or when rain is threatening.
<b>P E R F O R M A N C E TEMPERATURE</b>	This product can withstand a short term temperature of 500°F and a continuous temperature of 300°F.
<b>A P P L I C A T I O N EQUIPMENT</b>	Conventional or airless spray, bristle brush or lambskin roller cover.
<b>THINNING</b>	Thinning is not recommended.
<b>CLEAN-UP</b>	Mineral Spirits or V M & P Naphtha

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## SHIPPING & STORAGE

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<b>PACKAGING</b>	5 Gallon Pails and 1 Gallon Cans.
<b>WEIGHT/GALLON</b>	9.7 +/-0.1 Pounds
<b>S T O R A G E TEMPERATURE</b>	Minimum 35°F. Maximum 90°F.
<b>SHELF LIFE</b>	12 months at recommended storage temperature when stored in tightly sealed containers.
<b>FLASH POINT</b>	105°F

*The technical data contained in this data sheet is accurate to the best of our knowledge. No warranty is expressed or implied since the method of application and its intended use is beyond our control.*