



# SEI CORROSION PROOF® CLEAR COAT

## CPT-303S - Solvent Base CORROSION PREVENTION TECHNOLOGY

### PRODUCT DESCRIPTION

CPT-303S is a high-end, unique, cross-linked one component, solvent-based corrosion preventative clear coating that provides protection in harsh, outdoor, unsheltered applications. CPT-303S contains the CPT migrational bonding chemistry that offers corrosion prevention that is far superior to any zinc rich product. CPT-303S is superior to many coatings with inorganic pigments because the resistance has been improved by replacing pigments and metal oxides with more effective migrational robust metal bonding molecules. CPT-303S provides a composite polymer barrier that significantly retards the reaction of metal ionization. It protects against corrosive electrolytes and aggressive environments, thus preventing corrosion.

CPT-303C provides a fast-drying coating that is resistant to sagging or running, forming a tough, non-flammable, protective barrier. This coating is extremely UV, abrasion, chemical and acid resistant. The dry-to-touch film offers extended protection for outdoor or indoor conditions. Thermally stable when dried from 55°F to 350°F (13° to 80°C), the coating is ultraviolet resistant. It gives optimal outdoor performance without cracking or chipping upon prolonged exposure to sunlight.

CPT-303S is a clear coating that allows visual inspection of the metal surface after application. This coating protects carbon steel cast iron, aluminum, stainless steel, galvanized steel and copper.

### APPLICATION

When solvent-based topcoats are applied over CPT-303, compatibility must be checked. Note: Make sure dew point is more than 5°F (2°C) less than air temperature for application. Can be applied by aerosol can, spray, roll, brush or dip.

### TEST DATA: [at 2 mils (50 microns)] DFT\*

\*Dry Film Thickness

Test Method	SAE 1010 Carbon Steel	Aluminum
Salt Spray (ASTM B117)	200+ Hours	1000+ Hours
Humidity (ASTM D1748)	1000+ Hours	1000+ Hours

**Conventional Spray:** Manufacturer Gun Model Tip/Aircap Combination, DeVilbiss MBC or JGA 704E, Binks #18 or #62 66PE. Fluid hose should be 3/8" (0.95 cm) I.D. with a maximum length of 50 feet (15.2 m). Pot should always have dual regulation and be kept at same elevation as spray gun. **Airless:** Manufacturer Gun Model Tip/Aircap Combination, Graco 205-591 Bulldog, Binks Model 500 Mercury 5C, DeVilbiss JGN-501 QFA-519. Hose should be 3/8" (0.95 cm) I.D. minimum, but a 1/4" (0.64 cm) I.D. whip end section may be used for ease of application. A maximum length of 100 feet (30.5 m) is suggested. Best results will be obtained using a 0.013"-0.017" (0.3-0.4 cm) tip at 1200-1700 psi (83-117 bar). Note: Nylon or Teflon type packings are available from pump manufacturer and are highly recommended. Note: Similar equipment may be suitable.

### PACKAGING & STORAGE & TYPICAL PROPERTIES

CPT-303 is available in aerosol cans, 5-gallon (19 liter) pails, 55gallon (208 liter) metal drums, liquid totes and bulk. Dry Film Thickness: 2.0 mils (per coat). Theoretical Spread Rate: 200-250ft<sup>2</sup>/gal (13-16 m<sup>2</sup>/l). Dry to Touch Time: 30 minutes @ 75°F (24°C) at 2 mils (50 microns). Full cure: 8 hours. Temperature Stability: 45°-90°F (7°-32°C). VOC (ASTM D-3960): 100 g/l. Viscosity: 700-3,000 cps (6 rpm/#2)

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