



SEI CORROSION PROOFER®

CPT-201

CORROSION PREVENTION TECHNOLOGY

DESCRIPTION

CPT-201 is a time-proven coating that provides excellent protection to all metal substrates. It leaves a firm film that provides extreme corrosion protection. The film has extreme resistance to salt water and salt spray, making this coating particularly useful in drilling, marine, industrial and offshore corrosion proofing applications. The film dries transparent. CPT-201 provides optimal long-term corrosion protection for ferrous and non-ferrous metals exposed to harsh environments, as it deposits a molecular layer of corrosion inhibitor that creates a durable, long lasting bond.

- Dry Film Thickness mil: 2-3 mil (50-75 µm)
- Dry Time: 30 min.
- VOC g/l (lbs/gal): 190 grams per liter
- Coverage ft²/gal (m²/l): 300 (7.4)
- Application Method: Spray, dip, roll, brush
- Length of Protection: 5 years

ADVANTAGES

1. Dry-to-touch film properties allow protected metal surfaces to be easily handled.
2. No surface preparation, as it will adhere to the pre-rusted, oily and dirty surfaces.
3. A thixotropic liquid; self-healing; resistant to sag, run-off and flow.
4. Excellent U.V. resistance, providing optimal outdoor protection without cracking or chipping after prolonged exposures to sunlight.
5. Universal protection for ferrous and non-ferrous metals and alloys.
6. The non-conductive film with high resistivity and insulating properties effectively prevents galvanic corrosion between dissimilar metals.
7. Has moisture-displacing characteristics and penetrating film characteristics.
8. Thermally stable over a broad range of temperatures.
9. Applicable to the following specifications: MIL-C-0083933A and MIL-C-16173D

TYPICAL PROPERTIES

- Appearance: brown viscous liquid
- Coverage: 300-330 ft²/gal @ 3 mils (7-8 m²/l @ 75 microns)
- Drying-to-touch time: 30 minutes
- Shelf Life: 24 months @ 75°F (24°C)
- Flash point: Concentrate form 232°C

METHOD OF APPLICATION

1. Dipping, spraying or brushing are recommended methods of applying - Film thickness of 2 mils to 5 mils.
2. CPT-201 is applied over pre-rusted or oily surfaces.

PROTECTION PROPERTIES

	<u>ASTM</u>	<u>DFT</u>	<u>Carbon Steel (1010)</u>
Salt Spray	B-117	2-3 mils	1500 hr.

FEATURES

- Flexible
- Abrasion resistant
- Excellent salt spray protection
- Excellent outdoor protection
- Multimetal protection
- Excellent UV resistance
- Moisture displacing
- Cured film is heat stable up to 392°F (200°C)
- Conforms to MIL-C-16173D (Grades 1 and 2)
- NATO 6850-66-132-5848, NATO 6850-55-132-6099, NSN 8030-00-62-6950

APPLICATIONS

Maintenance:

Protection of structural plants and equipment

Mothballing refineries, power plants and chemical plants

External surfaces of large machines, pipes, pumps, heat exchangers, etc. - during standby, field storage or operation

Shipping & Storage:

Covered or uncovered packages shipped overseas and/or during extended on-site storage.

Storage of metals – interior and exterior of vessels

Construction:

Steels for fabrication, structural or storage and in field use

Concrete reinforcing bars; aluminum or steel sidings joints; profiles, bridges, structures, casings and steel roofs

Marine & Offshore:

External and internal surfaces of offshore platforms and equipment.

Ballast tanks, storage and process vessels

Castings; pumps; valves and compressors; heat exchangers, boilers, turbines and transformers

Wire rope, cable, wire and chains

Internal and external surfaces of drill pipe, sucker rods and other tubular products

OEM:

Internal and external surfaces of engines, bearings, brake drums and engine components

Frames, cabs, stampings, castings and plate steel

Transmission, hydraulic pistons, cylinders and equipment undercoating

- Pipe Coating & Drill Pipe
- Vessels
- Parts storage & Underbody coating
- Wire rope
- Steel plate & Machined parts

PACKAGING & STORAGE

12 oz. aerosol, 5-gal and 55-gal

Store in cool dry place out of direct sunlight.

DISCLAIMER:

The information provided is to be used as a guide and users should perform their own tests to ensure performance in their application. All data, statements, and recommendations made herein are based upon information we believe to be reliable, but are made without any representation, guarantee or warranty of accuracy.

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