



SEI CORROSION PROOF®

CPT-200W

CORROSION PREVENTION TECHNOLOGY

DESCRIPTION:

CPT-200 product is a time proven corrosion inhibitor for use as an oil additive and/or long-term corrosion preventative oil based coating. This product is excellent for mothballing, operational use, shipping or storage of parts and equipment. As an additive, in small percentages, it has a minimal effect on viscosities. It has extreme resistance to salt water, salt spray and humidity, making CPT-200 particularly useful in marine, industrial, commercial, operational and offshore corrosion preventative applications. This product provides optimal long-term corrosion protection for ferrous and non-ferrous metals exposed to harsh environments.

- Dry Film Thickness mil: 1-2 mil (25-50 µm)
- Dry Time: 1 hr.
- VOC g/l (lbs/gal): 30 (.25)
- Coverage ft²/gal (m²/l): 800 (19.6)
- Application Method: Spray, dip, roll, brush
- Length of Protection: 5 years

FEATURES:

- Self-healing
- Temperature stable up to 180°F (82°C)
- Excellent lubricity
- Extends tool and equipment life for metalworking operations
- Excellent outdoor protection
- Excellent oil additive
- Dilutable with oil
- Meets MIL-C-16173D (Grade 2), QPL product
- NSN 8030-00-244-1297

	<u>ASTM</u>	<u>DFT</u>	<u>Carbon Steel (1010)</u>	<u>Aluminum</u>
Humidity	D-1748	1 mil (25 microns)	7000+ hr.	3000+ hr.
Salt Spray	B-117	1 mil (25 microns)	900+ hr.	1200+ hr.

ADVANTAGES:

1. Allows protected metal surfaces to be easily handled.
2. No surface preparation, as SEI Corrosion Proof Oil Base 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 of protective films 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:	Oil Base tan liquid
Film type:	Dry Oily film
Flash point:	Concentrate form 233°F
Shelf Life:	24 months @ 75°F (24°C)
Non-volatile Content:	94-98%
Theoretical Spread Rate:	500-525 ft ² /gal @ 3 mils
Weight per Gallon:	7.7-8.2 lb/gal (0.92-0.98 kg/l)

APPLICATIONS:

- Wire rope
- Electrical connections/wiring
- Sheltered coating
- Structural steel
- Gear protectant/lubricant
- Long-term (5+ years) equipment lay-up
- Stamping oil additive
- Drawing oil additive
- Cylinders
- Working/moving parts

METHOD OF APPLICATION:

1. Product should be mixed thoroughly and uniformly prior to use.
2. Apply by dip, spray, roll or brush - Film thickness of 2 mils to 5 mils.
3. CPT-200 can be applied over pre-rusted or oily surfaces.

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 any operational equipment

Shipping & Storage:

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

Construction:

Steels for fabrication, structural steel, metal forgings or storage of metals 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, engine components
Frames, cabs, stampings, castings and plate steel

Transmission, hydraulic pistons, cylinders and equipment undercoating

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