

WeRP 10T

WAX EMULSION RUST PREVENTATIVE

▷ PRODUCT DESCRIPTION

Providing the high performance of conventional solvent/oil based rust preventatives without the flash/flare, safety and housekeeping liabilities associated with them. WeRP 10T is a low VOC, non-toxic, lower melt point wax emulsion which deposits a soft greasy amber film when cured. When liquid, the product is nonflammable and can easily be cleaned with detergent and hot water. The thixotropic nature of the product minimizes dripping as well as a uniform film build. When fully cured the grease-like film exhibits excellent high humidity and salt spray protection. As such, WeRP 10T can be used in applying a final preservative coating to production parts for storage or shipment. WeRP 10T is formulated with a multi-metal package to inhibit corrosion on yellow metals and prevents magnetite corrosion due to stacking parts. Optimal coverage is as received in a dip tank, brushed, flow coating or sprayed using an airless spray gun. The lower melt point wax ensures minimal build up and hard crusting at the air liquid interface. The greasy film can be easily removed with a hot 5 -10% diluted industrial grade cleaner.

▷ FEATURED BENEFITS

- Long term rust protection
- No flash point or fire point liabilities
- Easy cleanup
- Better plant housekeeping
- Multi-metal protection
- Easily cleaned

▷ APPROVALS

- CAT 1E 4967A Long Term Corrosion Inhibitor Certified
- Compliant for California SCAQMD Rule 1144

APPLICATION



COMPATIBLE METALS

Carbon Steel
Stainless Steel
Aluminum
Cast Iron

TYPICAL APPLICATIONS

Tubes
Steel Plate
Parts Storage





TYPICAL PROPERTIES

Fluid Type	Wax emulsion rust preventative
Film Type	Soft greasy
DFT dipped, 77°F (25°C)	3 mil
Specific Gravity, 60°F (15.6°C)	1.00
Weight, 60°F (15.6°C)	7.9 lbs/gal.
Flash Point (COC)	Non-flammable
Viscosity (#2 Zahn cup), 77°F (25°C)	40 seconds
Dry Time, 77°F, 25% RH	<60 minutes
pH	9.2
VOC (EPA Method 24)	<0.25 lbs/gal.
Coverage	400 sq. ft./gal.

PROTECTIVE PROPERTIES

Water Fog	ASTM D 1735-08	1,500 Hours
Humidity Cabinet	ASTM D 1748	3,000 Hours
Cyclic	SAE J 2334	240 Hours
Salt Fog	ASTM B 117	168 Hours
Outdoor Storage		Protection uncovered: 6 - 8 months Protection covered: 8 - 10 months
Indoor Storage		5 years

Data on 20 Ra (smooth) 1010 carbon steel panels, 1 mil (25 u) DFT.

SURFACE PREPARATION, SHELF LIFE AND APPLICATION

Maximum performance of WeRP 10T can be achieved only when the metal surfaces are clean, free of rust, oil and mill scale. The metal substrate should be at a temperature of 50 – 95°F (10 – 35°C) at the time of product application. WeRP 10T is formulated to be used as supplied. The product can be thinned with water, however, be advised that doing so will reduce the film build and as such will reduce the protective property performance. We advise to contact Chemtool Inc. before thinning the product. Ensure uniform consistency prior to use. SHELF LIFE IS 8 MONTHS. DO NOT FREEZE. Store WeRP 10T at temperatures 50 – 95°F. Mild agitation is recommended prior to use. Continued agitation is generally not required. Keep lid on container when not in use. If product becomes thick due to cold storage or loss of water contact Chemtool Inc. WeRP 10T can be removed from fabrics by normal dry cleaning procedures.

PRODUCT CODE

5223T00000

HEALTH AND SAFETY

For health and safety guidance, please refer to the Chemtool SDS (Safety Data Sheets).