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AUTOMOTIVE • INDUSTRIAL • MILITARY

SC 1147

Universal Metal Primer

Product Data/ Application Instructions

- Excellent sprayability
- Corrosion resistant
- Fast dry
- Universal primer
- Low odor
- Economical

Typical Uses

A fast dry, interior-exterior corrosion resistant phenolic alkyd primer formulated for application directly to ferrous metal. May be topcoated with a variety of finishes including epoxy, urethane, conventional alkyd and latex products. Not recommended for non-ferrous metals such as galvanized, aluminum or for use in immersion service. This product is lead and chromate free.

Surface Preparation

Surface must be free of moisture, grease or other contaminants. Remove loose paint, mill scale, rust, etc by hand tool cleaning (SP2), power tool cleaning (SP3) or abrasive blasting.

Application Equipment

The following is a guide; suitable equipment from other manufacturers may be used. Changes in pressure and tip size may be needed for proper spray characteristics.

Airless spray – Standard equipment with a 30:1 pump ratio or larger, with a 0.013-0.019-inch fluid tip.

Conventional spray – Industrial equipment such as DeVilbiss MBC or JGA gun, with 704 or 765 air cap and fluid tip E. Use moisture and oil trap in main air supply line and separate regulators for air and fluid pressure.

Brush – Natural bristle only.

Roller – Industrial cover with Phenolic core.

Physical Data

Finish: Flat/Eggshell

Color: Gray, White or Red

Resin Type: Phenolic Alkyd

Typical volume solids: (Calculated) 48%±2%

Theoretical Spread Rate: 350-450 Sq. Ft. Gal.

Recommended film thickness: 1.7-2.2 mils dry

VOC: 3.3 lbs./gal. (400 g/L)

Flash Point: 50° F

Application Data

Method: Airless or conventional spray, brush, or roller
Temperature: Minimum 55°F air and surface. Surface temperatures must be at least 5°F (3°C) above dew point to prevent condensation.

Drying time: @ 77° F & 50% RH

Touch: 30 minutes

Recoat: 3 hours

Reduction/clean up: Xylene

Meets Performance requirements of TT-P-664

Shipping Data

Packaging 5 and 55gl drums

Shipping weight (approx) 12 lbs/gl

1 year from shipment date

Numerical values are subject to normal manufacturing tolerances, color and testing variances. Allow for application losses and surface irregularities.