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MIL-P-53022B TYPE I WHITE EPOXY PRIMER

DESCRIPTION

A Two Component Conventional Solids, Lead & Chrome Free Epoxy Polyamide, Corrosion Inhibiting Primer, Suited For High Performance Applications, Outperforms Zinc Chromate Primer

PRODUCT INFORMATION

Color: Off-White
Gloss: 10-30 @ 60°
Volume Solids: (A) 40.0% (B) 26.0%
Weight Solids: (A) 62.0% (B) 31%
Weight per Gallon: (A) 11.11 (B) 7.53
VOC: (A) 4.22 (B) 5.17 (ADMIXED) 4.4 lbs/gal
Viscosity: (A) 62-72 KU (B) 40-100 cps
Pencil Hardness: 2H
Theoretical Coverage: 600 sq.ft/gal
Salt Spray Test: 336 hrs
Humidity Test: 300 hrs
Film Thickness: 1.0-1.5 mils above profile

APPLICATION INFORMATION

Methods: Conventional spray, HVLP, AAA, Airless

Mix Ratio: Thoroughly mix four (4) parts Component A with one (1) part Component B.
No induction time required.

Reducer: Ideal reducer is Mil-T-81772 Type II Epoxy Reducer.
May use MIBK or MEK. Do not thin more than 20% by volume.

Cleaner: #522 Epoxy Reducer or Mil-T-81772 Type II Epoxy Thinner
Pot Life: 4-6 Hours, 6-8 Hours if reduced, at 70°F. Pot life diminishes as temp rises

Dry Time: Air Dry: Set to touch 30 Minutes, Dry through 4 Hrs.,
Force Dry: Following 10 Minute Flash-- Bake 30 min @ 180-200°F

Recoat Time Air Dry: After spraying allow to flash for 10 minutes. If allowed to sit more than 16 hours, surface should be lightly scuffed with Scotchbrite pad before topcoating. Force Dry: Allow sprayed part to cool before topcoating. Recoat time is affected by temperature and film thickness.

SURFACE PREPARATION

Surface should be clean of all grease, dirt, oil, rust and foreign material.

STORAGE

This product must be stored in accordance with local, state, and national regulations. Preferred storage conditions: Keep containers in a dry space with adequate ventilation. The containers should be tightly sealed. Handle with care. Stir well before use. Shelf life is 12 months from date of manufacture.

SAFETY INFORMATION

Consult the Material Safety Data Sheet prior to application for detailed information on the health and safety hazards.

CAUTION: This Product is for Industrial use Only!

DRY TIME / CURE

Cure is a function of time, temperature, and film build. Should be dust free in less than 30 min. @ 70°F. Through cure a function of DFT, and temperature.

COMMENTS

USE OF A MECHANICAL MIXER IS HIGHLY RECOMMENDED This Primer is very well suited for general industrial applications including heavy equipment, trailers and trucks, where a high performance epoxy primer is required.

NOTE:

The above information is supplied as a guideline to our customers. The user must be aware of the cleaning, pretreatment, primer, application and testing requirements for their specific job. Consult Mil-STD-171E Finishing of Metal and Wood Surfaces and/or MIL-DTL-53072 Chemical Agent Resistant Coating (CARC) System Application Procedures and Quality Control Inspection.