



Spectrum

COATINGS, INC.

217 Chapman Street, Providence, RI 02905 (401) 781-4847

MIL-DTL-53022D

TYPE II EPOXY PRIMER

Description

A Two Component, Epoxy Polyamide, Corrosion Inhibiting Primer, Suited for High Performance Application. Lead and Chromate Free, Outperforms Zinc Chromate Primer

Product Description

Color:	Buff White
Gloss:	10 - 30% @ 60 degree
Volume Solids:	(A) 54.3% (B) 17.5%
Weight Solids:	(A) 73.9% (B) 33%
Weight per Gallon:	(A) 11.88 (B) 7.54
VOC:	(A) 3.0 (B) 5.17 Mixed = 3.5 lbs./gal.
Film Thickness:	1.0 - 2.0 mil above profile
Theoretical Coverage:	642 sq. ft. / gallon
Salt Spray Test:	336 Hours
Humidity Test:	300 Hours
Weatherometer Test:	N/A
Pencil Hardness:	N/A
Viscosity:	(A) 70+ KU (B) 32 seconds #4 Ford Cup

Application Information

Methods:	Conventional Spray, HVLP, AAA, Airless
Mix Ratio:	After Thoroughly Mixing Component A, Mix one (1) Part Component B into Four (4) Parts Component A. May be Used with Proportioning Equipment. No Induction (Sweat) Time Required.
Reduction:	Ideal Reducer is Mil-T-81772 Ty II Epoxy Thinner, May use MIBK or MEK up to 15%.
Cleaner:	Mil-T-81772 Ty II Epoxy Thinner or Recommended Cleaning Solvent for this Specification.
Pot Life:	4-6 Hours, 6-8 Hours if Reduced @ 70°F. Pot Life Diminishes as Temperature Rises
Dry Time:	Air Dry: Set to Touch 30 Minutes, Dry Through 4 Hours Force Dry: After 10 Minute Flash, Bake 30 minutes @ 180-200°F.
Recoat Time:	Use Time, Temperature and Film Build as Guides.

Surface Preparation

Surface should be clean of all grease, dirt, oil, rust and foreign material which would be detrimental to the coating.

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!

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.

Dry Time / Cure

Cure is a function of time, temperature, and film build. Should be dust free in less than 30 minutes @ 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 application including heavy equipment, trailers, and trucks where a High Performance Epoxy Primer is required. A QPL Listed Item, N-1981A/B meets Mil-DTL-53022D Type II. An excellent primer for polyester and acrylic urethanes. Especially well suited for use under bright yellows, reds, and oranges in lead and chrome free.

PRODUCT LIMITATIONS

All surfaces must be clean and dry before application - Temperatures for cure times must be maintained to insure proper performance - Do not blend with any materials other than those recommended for use with Spectrum's Epoxies - Shelf life of this material could be significantly shortened if product is stored at temperatures above 80 F for any length of time -

NOTE: The above information is supplied as a guideline to our customers. The user must be aware of the cleaning, pretreatment, application and testing requirements for their specific job.