



MIL-P-53022B is a flash drying, corrosion inhibiting epoxy primer for ferrous and nonferrous metals.

It is lead and chromate free primer.

Recommended use	As a primer for use on ferrous and nonferrous surfaces.
Physical Properties	
Finish and Color	Semigloss. White
Specific gravity	Approx. 1.3 (Kg/L)
Solids by volume	Approx. 38%
Spreading rate (Theoretical)	15m ² /L in 25 microns dry film thickness on a smooth surface. (Theoretical)
Flash point	26°C/79°F (Closed cup)
Viscosity	63~73KU
Application details	
Surface preparation	Remove any oil and grease, dust and other contaminants from surface to be coated. * Steel : Zinc phosphate treatment * Aluminium : Chromate treatment * repair painting, grind the defect parts of the coating thoroughly before dry.
Method of application	Air spray For air spray application ; Nozzle orifice :1.3~1.5mm Output pressure : 4~5Kg/cm ² Number of sprays : 2~3 times (round trip) Roller, Dipping and Airless are not recommendable.
Thinning	TT-T-266 , MIL-T-81772BTYPE2 *Thinning viscosity : 16~20s(20°C) / Ford Cup No.4 (When using air spray) * Dilution rate : 20 ~ 30% (volume ratio) * But it may be changed by application condition and environment. * Only use specified THINNER. Do not dilute each components separately, only the mixture.
Application conditions	The surface should be cleaned and dried completely. Surface temperatures must be at least 3°C (5°F) above dew point to prevent condensation.
Film thickness	D.F.T 20~35μm
Drying time	At 21°C/70°F,

	Set to touch : Max. 15 minutes Dry through : Max. 4 hours
Subsequent Coat	MIL-C-46168, KUKPANG 8010-1047, MIL-C-83286B
Pot life	At 20°C/68°F, 12 hours
Recoating interval	At 20 °C / 68 °F, Minimum : 4h / Maximum : 30d Prior to overcoating, remove the oil, salts, chalking materials and any other contaminants on aged coating film completely by proper cleaning method such as solvent cleaning and/or fresh water washing.

Storage and package	
Shelf life	12month
Storage	Store in cool, dry, well-ventilated place.
Packing Unit	16L (PTA : PTAB = 12.8L : 3.2L) 4L (PTA : PTB = 3.2L : 0.8L)

Remarks	
Note	Avoid prolonged breathing of solvent vapors and contact with skin and eyes. In case of eyes contact, flush immediately with plenty of water for at least 15 minutes. Use with adequate ventilation. Keep away from sparks and open flames. Respiratory protection is recommended when spraying this material in confined space or stagnant air.
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Revision	

Disclaimer : The information in this data sheet is believed to the best of our knowledge based on laboratory test and practical experience. However, there are many factors affecting the performance of product and the product quality itself, so we are not able to guarantee without the confirmation of the purpose of using the product from us in writing. We reserve the right to change the data without notice and you should check that this data sheet is current prior to using the product.

