



This specification covers both all FS COLORS, DS-2 resistant, epoxy-amide coating for use as a finish coat on military equipment. It can be used in areas covered by air pollution regulations.

Especially environmentally friendly product VOC content less than 340 g/L.

Recommended use	COMBAT SUPPORT EQUIPMENT
	FIRE EQUIPMENT, SIGNAL EQUIPMENT
	SPECIAL WEAPONS

Physical Properties

Finish and Color	GLOSS, SEMI GLOSS, FLAT
Specific gravity	1.1 – 1.6 (Kg/L) according to color
Solids by volume	It's depended on color . Approx.65 – 72%
Spreading rate (Theoretical)	16–18m ² /L in 40μm dry film thickness on a smooth surface
Flash point	APPROX. 23~32℃
Viscosity	50 – 60 SEC (FORD #4,25℃)

Application details

Surface preparation	* Remove any rust, dirt, oil and other contaminant from surface to be coated with suitable cleaning method
Preceding coat	* Chemical conversion treatment is recommendable MIL-P-53022 MIL-P-23377 MIL-DTL-53022 MIL-PRF-23377
Method of application	Air spray application Nozzle orifice : 1.3 – 1.5mm Output pressure : 4–5 kgf/cm ² Number of spray : 3–5 times
Thinning	MIL-T-81772B TYPE 2 * VISCOSITY : 16~20 SEC. (20℃) / FORD CUP No. 4 (at AIR SPRAY) * THINNING RATIO : 5~20% (부피비)
Substrate	STEEL OR ALUMINIUM
Film thickness	RECOMMENDED PER COAT 35–45μm
Drying time	(at 20℃) SET TO TOUCH : MAX. 4HOURS DRY THROUGH : MAX. 8HOURS FULL CURED : 7DAYS * FORCE DRYING : 80℃ × 60minutes
Pot life	APPROX. 8HOURS(at 20℃)
Recoating interval	AT 20℃, MIN 10 HOURS

材料 | 铁材和铝（根据适用底漆不同）

Storage and package	
Shelf life	12MONTH
Packing Unit	16L (GLOSSY – PTA : PTB = 10.6L : 5.4L) 4L (GLOSSY – PTA : PTB = 2.66L : 1.34L) 16L (SEMI,FLAT GLOSS – PTA : PTB = 12L : 4L) 4L (SEMI,FLAT GLOSS – PTA : PTB = 3L : 1L)
Remarks	
Handling	Protect skin and eyes, and avoid prolonged breathing of solvent vapors.
Precautions	Use with adequate ventilation Keep the recommended film thickness at application Thick film per coat may result in bubbling defect. Clean tools immediately after use.
1'st issue	2016-01-01
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.

