



KUKPANG 8010-1047 is a two-component, aliphatic

polyurethane resin based coating with very good chemical agent resistance.

Recommended use	As a finishing coat for military combat equipment such as a firepower equipment, a communication equipment, a mobile equipment, a engineer equipment, a special weapon (guided missile).
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Physical Properties

Finish and Color	Gloss and Camouflage color according to specification.
Specific gravity	1.3 ~ 1.6 (Kg/L) according to color.
Solids by volume	Approx. 48%
Spreading rate (Theoretical)	9.6m ² /L in 50 microns dry film thickness on a smooth surface. (Theoretical)
Flash point	14.5°C/58°F (Closed cup)

Application details

Surface preparation	Remove any rust, oil and grease and other contaminants from the surface to be coated with suitable cleaning method.
Preceding coat	* Steel : Epoxy primer MIL-P-53022 or according to specification.
Method of application	Spray (air or airless) application. * Air spray application ; Nozzle orifice : 1.3 ~ 1.5mm Output pressure : 4 ~ 5Kg/cm ² Number of spray : 2 ~ 3 times (going and coming) (Air spray data are indicative and subject to adjustment.) * Roller or Dipping is not recommendable.
Thinning	MIL-T-81772B TYPE I (Thinning ratio : Max. 20% by VOL) * Air spray application ; Viscosity : 17 ~ 20 seconds (at 20°C) / Ford Cup No.4. Thinning : Max. 20% by volume * But it may be changed by application condition and environment. * Only use specified THINNER.
Application conditions	Surface temperatures must be at least 3°C (5°F) above dew point to prevent condensation. Preferred temperature during application is 15 ~ 25°C / 59 ~ 77°F, and relative humidity preferable 35 ~ 80%.
Film thickness	Recommended per coat 45 ~ 55 microns dry.
Drying time	At 23±1°C, Set to touch : 30 minutes Dry through : 4 hours
Pot life	At 23±1°C, Maximum : 8 hours
Recoating interval	At 20°C, Minimum : 2 hours, Maximum : 24 hours

Storage and package	
Shelf life	12 months
Storage	Store in cool, dry, well-ventilated place. Can of bottom composition should be turned regularly twice a month.
Packing Unit	18ℓ, 4ℓ
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.

