

Technical Data Sheet

FEATURES

K-0243 is general purpose, one part, thixotropy, medium viscosity, medium strength, and impact resistant thread locker sealant.

It cures when confined in the absence of air between close fittings metal surfaces and prevents loosening and leakage from shock and vibration.

It can be disassembly by tool.

APPLICATION

Using in sealing and permanent locking below M6~M36 metal thread fasteners to prevent its loosening and leakage. Applications: thread locking, sealing.

TYPICAL PROPERTIES

Uncured	Main Ingredient	Methacrylic acid
	Appearance	Blue viscous liquid
	Viscosity (mpa.s)	1000~3000
	Density(g/cm³)	1.1
	Flash Point (°C)	>93
	Max Filling Gap (mm)	0.13
	Room Cure Time (min)	≤20
Cured	Full Cure Time(Room/ Hour)	24
	Break Torque (N.m)	20
	Prevail Torque (N.m)	7
	Working Temp (°C)	-54~149

HOW TO USE

◆Preparation

The uncoated surfaces should be clean and dry by removing the grease and oil, etc.

◆Application

1. First, coating enough glue on thread fasteners and make sure filling the whole threads, then assemble the parts. If coating a thin layer between 0.50mm on the screws which can reach best result.
2. Refer to big-sized screw fasteners, the biggest gap will affect the product's curing speed and strength.
3. This product can reduce the friction force causing by assembling the parts. Also, it should be confirmed the ratio of torque force before sealing the screws in the application of critical value.

◆Attention

- (1) This product should not use in plastics substrates.
- (2) In order to avoid polluting the glue, the rest of glue should not pour back into the original bottle.
- (3) This product contains some methacrylic acid which will produce some irritating gas. If contact with the skin, please flush with lot of water. If contact with your eye, seek for medical advices.

PACKAGING INFORMATION

50ml/bottle, 250ml/bottle

USABLE LIFE AND STORAGE

Tighten-sealed and store in cool and dry place, the shelf life is 24 months (15~28⁰C)

NOTE

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