

Ultra-Thin 50

MET-L-GARD Ultra-Thin 50 is a fast evaporative solvent based rust preventive oil. And it is a powerful dewatering fluid which, upon evaporation of the solvent, deposits an ultra-thin, dry film texture. It finds applications in most of the ferrous and non-ferrous and its alloy components for excellent protection for sea shipments.

The very thin residual film provides effective protection against corrosion and suppresses any corrosive attack resulting from fingerprints on the components, but may not interfere with gauging equipment.



Features & Benefits

- Excellent water displacing and non-staining transparent clear film.
- Improves aesthetic appeal of the components due to near to dry film.
- Good flow of material even at low temperatures (3 Deg. C).
- Less consumption of oil due to thin film (< 1 microns).
- No hazardous ingredients as per OSHA
- Thin film does not interfere with gauging equipment.
- Also compatible on phosphate components

Typical Applications

- Rust preventive for ultra thin oil film applications.
- As general purpose industrial rust preventive oil

Mode of application --

- Dipping
- Brushing
- Spraying

Note: For effective dewatering, dip method is recommended.

Typical properties

Attributes	Unit	Ref. Method	Specifications
Appearance	-	Visual	Amber clear liquid
Odor	-		Mild odor
Specific gravity @ 27 Deg C	g/cm ³	ASTM D 1298	0.780 – 0.820
Viscosity @ 37.8 Deg C	cSt	ASTM D 445	0.8 – 1.8
Drying Time @ 20°C (to 95% solvent loss)	min	-	30
Flash point	Deg C	ASTM D 93	> 38
Film thickness	µm	-	0.5 – 1.0
Non volatile content	%	-	8 - 10
De- greasability	-	Internal	Passes
Salt spray protection	Hours	ASTM B117	48 Min.
Humidity protection	Hours	ASTM D 1748	200 Min.
HMIS Rating			
Health:1		Reactivity:1	Flammability:3

Pack size: Available in 20 & 205 liter drums

Note: For more details on storage and disposal please refer to material safety data sheet

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