

MET-L-GARD™

ELIMINATE RUST. IMPROVE PROFITS.

RP 401S

TECHNICAL DATA SHEET

MET L GARD RP 401S is a mineral oil based, rust preventive oil, protection for ferrous and its alloy cold and hot roll coils and sheets. The oil film renders not only the protection but also the required lubrication for further operations like drawing, punching etc. Normal industrial aqueous cleaners can remove this film easily.



Features & Benefits

- Excellent resistance to stain and varnish where metal-to-metal contact is present, especially with high temperature and humidity.
- This product is used as received via immersion, flow-on, flooding, electrostatically or wipe on. Dilution with any oil or solvent will decrease this preventive's performance
- Excellent protection from humid conditions.
- Good coverage due to its medium viscosity and high penetration properties.
- Good flow of material even at low temperatures
- Less consumption of oil due to thin film
- No heavy metals in the product.
- Environmentally safe as it does not contain barium based additive.
- No hazardous ingredients as per OSHA
- Ease of Removability

Typical Applications:

- All cold and hot roll coils and sheets.
- Bearings, Tubes, Gears
- Sintered components.
- As general purpose, industrial rust preventive oil

Mode of Application:

- Spraying
- Felt roll
- Brushing
- Dipping

Typical properties:

Attributes	Ref. Method	Specifications
Appearance	Visual	Amber Liquid
Odor	Olfactory	Mild Oil odor
Specific gravity @ 27°C	ASTM D 1298	0.88±0.02
Viscosity @ 37.8 °C	ASTM D 445	10.0±2.0 CST
Flash point	ASTM D 93	>100 °C
Film thickness	IS 1154	4.0±0.5 Microns
Water content	K.F Method	0.3% Max
Salt spray protection	ASTM B117	72 Hrs. Minimum
Humidity protection	ASTM D 1748	280 Hrs. Min.

- Technical data details should be considered representative or typical values only and should not be used for specification purposes.

Note*: Changes in the appearance of the product have no detrimental effect on the Quality /Performance of the product.

Packaging Details: Available in 20 & 205-liter drums.

Storage & Safety: As with all thixotropic products, a setting of the thixotropic agent can occur after longer periods of storage. The original quality can be restored by agitating. This product is unlikely to present any significant health or safety hazard when used as recommended. Good standards of personal and industrial hygiene are to be maintained by the user - (Refer Safety Data Sheet).

Disclaimer: Information contained in this data sheet is based upon the properties and applications of use known to us. However, generally no legal liability may be deducted from such information.



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Speciality Chemicals & Lubricants Manufacturers