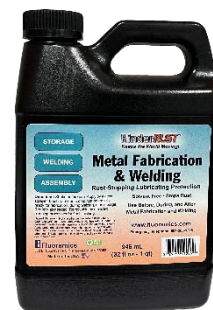


Product Description

Long-lasting synthetic rust-stopping lubricant engineered to protect metals in storage. As these metals are moved into fabrication, HinderRUST Metal Fabrication & Welding also aids in the manufacturing and welding process by providing surface lubrication. HinderRUST for Metal Fabrication & Welding may be used in welding without the use of primers. HinderRUST for Metal Fabrication & Welding may also be used as an assembly aid for nut and bolt lubrication and protection. Also, apply it to interfacial areas to protect and lubricate metal on metal areas. Apply to the final product to protect during storage and shipping.

Features

- Weld-through approved
- Active wetting action travels across metal surfaces including south-to-north travel
- Adsorbs to metals using thin film technology
- Water and moisture displacing
- Apply over existing rust to stop and prevent new rust from forming
- Non-toxic, non-hazardous, non-flammable, solvent-free — will not evaporate away!
- PFAS-free



Benefits

- Stops galvanic corrosion caused by dissimilar metals
- Deep penetration into areas that cannot be reached
- Will not attract dirt or dust

Applications

- Protect bare metals in storage
- Reduce mechanical wear
- Prolong equipment life
- Reduce noise, vibration, friction and wear
- Lubricate production tools and die sets
- Lubricate and preserve tools, screws, and machined parts
- Bolt torquing lubricator
- Metal interfacial protection
- Tool storage
- Final product shipping protection

Health and Safety

Metal Fabrication & Welding is a very safe, solvent-free product. The non-aerosol versions are not classified as hazardous according to OSHA 29 CFR 1910.1200 and WHMIS. Not hazardous under the consumer product safety regulations. See the Safety Data Sheet for additional information.

Storage, Shipping and Handling

Always keep the unused product in its original container, tightly closed. The liquid versions are DOT-classified as non-hazardous, can be shipped by air with no shipping restrictions. See the Safety Data Sheet for additional information.

Specifications and Approvals

Test	Rating
Physical State	Liquid
Color	Translucent Tan
Odor	Negligible
California Air Resources Board (CARB) Compliant	Yes
VOC ASTM D2369 EPA test 24	Liquid: 1.05%
LVP-VOC of Mixture	Liquid: 0.21% Aerosol Package: 22%
Flammable OSHA CFR 29 910.106 Flashpoint ASTM D92	No +238°C (+460°F)
Torque K Factor	3/8" Zinc plated: 0.135 1/2" Zinc plated: 0.121
Vapor Pressure	<0.1 mmHg at +20°C (0.002 psi @ +68°F)

Test	Rating
Ecotoxicity	Not harmful
Biodegradation	Inherently biodegradable
Soluble in Water	No
Salt Fog Test ASTM B117	Direct Dripping Exposure: 300 to 500 hours Undercover +87,000 hours to indefinitely
Specific Gravity @ 150°C (60°F)	0.855 g/cm ³ (0.512 oz/in ³)
Kinematic Viscosity ASTM D445	119.5 cSt @ +40°C (+104°F) 24.87 SUS @ +100°C (+212°F)
Dielectric Breakdown Voltage ASTM D877-A	Liquid: 18.20 kV
EP Properties Falex – True Load Failure ASTM D3233	Liquid: 358 kgf (790 lbf)
Four Ball Wear ASTM D4172 40 kgf	Liquid: 0.483 mm (0.018 in)

How to Apply

Surface Preparation: Remove any course, loose rust scale, or paint blisters.

Application Methods: Shake before using. Coat the surface with a thin even layer. Metal Fabrication & Welding may be applied to wet or dry metals by an airless sprayer, brush, or roller. Spray equipment: Graco Magnum X7 or equivalent airless paint sprayer. An annual maintenance program for reapplication is recommended if constant, repeated exposure to water sprays greater than rainfall occurs. Typical coverage is 9.816 to 14.725 sq m/L (400 to 600 sq ft/gal).

Curing time: None. Equipment may be used immediately after coating. Metal Fabrication & Welding goes on as a mobile liquid that creeps and wets to the surface and into seams. HinderRUST starts protecting and lubricating the surface upon application.

Packaging

Part No.	Size	Container	Case Quantity
9646001	333 g (Net wt 11.7 oz)	Aerosol Spray Can	12
9646006	946 mL (32 fl oz / 1 qt)	Jug	4
9646009	3.78 L (128 fl oz / 1 gal)	Jug	4

