



Product Description

HinderRUST® S4.0: The Lubricating Rust Stopper: Extreme surface adhesion and wetting across the surface and mounted parts allow for self-repairing, rust protection, and lubrication. Weld-through approved.

Features

- Active wetting action travels across metal surfaces including south-to-north travel
- Adsorbs to metals using thin film technology
- Deep penetration into void spaces and areas that cannot be reached
- Water and moisture displacing
- Self-repairing – remains mobile and will fill voids created by nicks, scratches or dents
- High dielectric strength – will not conduct electricity
- Apply over existing rust to stop and prevent new rust from forming
- Non-toxic, non-hazardous, non-flammable, solvent-free – won't evaporate away!
- Safe to use in confined spaces
- PFAS-free



Benefits

- Lubricates and protects
- Apply over existing rust to stop and prevent new rust from forming
- Maintenance – The product can be reapplied as part of a regular maintenance program
- Compatible with today's engineered plastics and rubbers

Applications

- | | | |
|--|---|--|
| <ul style="list-style-type: none"> ▪ Equipment maintenance ▪ Equipment storage ▪ Car parts ▪ Forklifts | <ul style="list-style-type: none"> ▪ Agricultural equipment ▪ Battery terminals and electronics ▪ Tools and firearm protection | <ul style="list-style-type: none"> ▪ Use as assembly aid on nuts and bolts and interfacial surfaces. Torque K-Factors available |
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Health and Safety

HinderRUST S4.0 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 the original container, tightly closed. The liquid versions are DOT-classified as non-hazardous and 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	Slight - 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	No
Flashpoint ASTM D92	+238°C (+460°F)
Vapor Pressure	<0.1 mmHg at +20°C (0.002 psi @ +68°F)
Torque K-Factor (Lubricated Bolt)	Zinc Plated Bolt: 0.128 Stainless Steel: 0.362

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)
Weld Through Approved WTTI	Yes

How to Apply

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

Application Methods: Shake before using. Coat the surface with a thin even layer. HinderRUST S4.0 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 is to occur. 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. HinderRUST S4.0 goes on as a mobile liquid that creeps and wets to the surface and into seams. HinderRUST S4.0 starts protecting and lubricating the surface upon application.

Packaging

Part No.	Size	Container	Case Quantity
9443375	333 g (Net Wt 11.7 oz)	Aerosol Spray Can	12
9443337	946 mL (32 fl oz / 1 qt)	Jug	4
9443338	3.78 mL (128 fl oz / 1 gal)	Jug	4
9443340	18.9 L (5 gal)	Pail	1
9443342	208 L (55 gal)	Drum	1
9955560		Drum Mixer	1

