



Product Description

HinderRUST® R2.0: The Temporary Rust Protector: Provides temporary surface protection for metal parts that need protection after fabrication, or during storage and transportation. Removeable by washing to allow for final finishing. This is a lubricating rust inhibitor that aggressively wets and spreads across any surface applied.

Features

- Active wetting action travels across metal surfaces including south-to-north travel
- 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
- Maintenance – The product can be reapplied as part of a regular maintenance program
- Non-toxic, non-hazardous, non-flammable, solvent-free – will not evaporate away!
- Safe to use in confined spaces
- PFAS-free except for aerosol version, which is formulated with PFOA/PFOS-free PTFE.



Benefits

- Adsorbs to metals using thin film technology
- Prevents flash rusting
- Apply over existing rust to stop and prevent new rust from forming
- Compatible with today's engineered plastics and rubbers

Applications

- Machined parts
- Castings
- Stampings
- Temporary corrosion protection
- Equipment in storage
- Protection during shipping

Health and Safety

HinderRUST R2.0 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: 12%
LVP-VOC of Mixture	Liquid: 0.21% Aerosol Package: 15%
Flammable OSHA CFR 29 1910.106	No
Flash Point ASTM D92	+172°C (+341°F)
Vapor Pressure	<0.1 mmHg @ +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 @ 15°C (60°F)	0.977 g/cm ³ (0.56 oz/in ³)
Kinematic Viscosity ASTM D445	89.84 cSt @ +40°C +104°F 18.25 SUS @ +100°C (+212°F)
Dielectric Breakdown Voltage ASTM D877-A	Liquid: 17.09 kV
EP Properties True Load at Failure ASTM D3233	Liquid: 358 kgf (790 lbf)
Four Ball Wear ASTM D4172 40 kgf (88 lbf)	Liquid 0.473 mm (0.018 in)

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 R2.0 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 R2.0 goes on as a mobile liquid that creeps and wets to the surface and into seams. HinderRUST R2.0 starts protecting and lubricating the surface upon application.

How to remove: Remove by spraying water. A mild detergent may be used.

Packaging

Part No.	Size	Container	Case Quantity
9343378	333 g (Net Wt 11.7 oz)	Aerosol Spray Can	12
9343344	946 mL (32 fl oz / 1 qt)	Jug	4
9343345	3.78 L (128 fl oz / 1 gal)	Jug	4
9343346	18.9 L (5 gal)	Pail	1
9343348	208 L (55 gal)	Drum	1
9955560		Drum mixer	1

