

Product Description: HinderRUST HV500 - Black is an industrial grade non-drying, ruggedized version of HinderRUST HV100. Engineered to be a mobile rust stopper lubricant with UV protection and contains additional thixotropic properties to provide outside exposure application and protection. Goes on as a thick liquid and slowly converts to a waxy film in time. Creeps and migrates into tight seams and around cables. Solvent free. Safe to use with electrical wiring and connections after assembly.

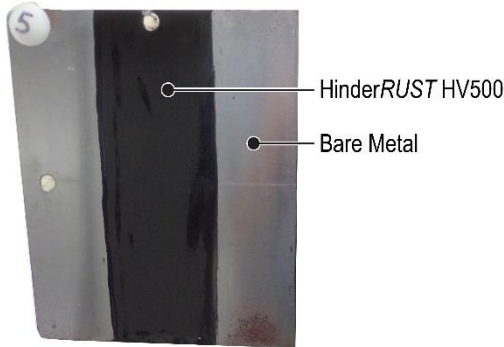
Features and Benefits

- Applies in a liquid state by paintbrush, roller, or sprayer
- Naturally polymerizes to a wax-like surface over 6-8 week period
- Provides a strong barrier against moisture and oxygen
- Apply to new surfaces to prevent corrosion
- Apply to existing rust to stop further corrosion
- No surface prep required on tightly adhered rust
- UV-resistant black color
- Metal wetting and water displacing
- Non-toxic, solvent-free, PFOA-free non-hazardous, non-flammable, VOC-free
- Safe for use with electrical wiring and panels



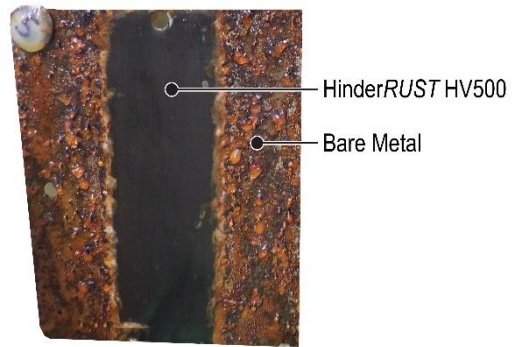
Applications

Before



HinderRUST HV500 was applied to metal plate and allowed to set for 6 weeks.

After



The plate was then placed in a salt fog chamber for 500 hours. See how the bare metal is corroded and the HV500 coated metal in the center is still protected.



Specifications and Approvals

Test	Rating
Appearance	Liquid - Black
Specific Gravity	1.04 g/ml
Color	Black
VOC EPA test 24	< 2%
Flammability	Non-flammable
Flash Point	None
Effects on Painted Surfaces	None on automotive paints, oil based. Precheck latex painted surfaces.
Repaintability	Yes. Suggest a water rinse first. Can be recoated with HinderRUST products with no surface preparation.

Test	Rating
Toxicity	Non-toxic
Accelerated Weather Testing - UV Lamp/Moisture Environmental Test ASTM G154-16	500 hours
ASTM B117 Salt Fog Test On aged 6-week-old HV500	500 hours
Odor	Slight odor upon application. Fades over time.
Dielectric Breakdown Voltage ASTM D877-A (Liquid)	> 19.31 KV
EP Properties Falex – True Load Failure ASTM D3233 (Liquid)	1,380 lbf
Four Ball Wear ASTM D4172 40kgf (Liquid)	0.519 mm

How to Apply

Surface Preparation: New construction and in-service equipment: no sandblasting required. Surface should be dry to the touch. Remove coarse, loose rust scale. OK to overlap onto existing painted areas (check latex painted areas). If painted surface has existing paint blisters (corrosion), scrape open/remove paint blisters.

Application Methods: Airless sprayer, brush, or roller

Spray Equipment: Graco Magnum x7 or equivalent airless paint sprayer

Thinning: None

Typical Coverage: 400 to 600 sq. feet per gallon

Number of Coats: one

Curing time: None. Equipment may be used immediately after coating. HinderRUST HV500 goes on as mobile liquid that creeps and wets to surface and into seams. Will slowly polymerize into waxy film (4 to 6 weeks), locking in protection.

Special Application Note(s): When protecting wire ropes and cables, HV500 can be used in conjunction with HinderRUST S4.0. First apply HinderRUST S4.0 to the wire rope or cable, soaking and protecting wires to the core, then overcoat with HinderRUST HV500.



Health and Safety

HinderRUST HV500 is a very safe, PFOA-free, solvent-free product. Not classified as hazardous according to OSHA 29 CFR 1910.1200 and WHMIS. Not hazardous under the consumer product safety regulations. See Safety Data Sheet for additional information.

Compatible with today's engineered plastics and rubbers. Safe to use on and around oil-based or automotive paints. Pre-test with latex based paints.

Storage/Shipping and Handling

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

Packaging

Part No.	Size	Container	Case Quantity
9643361	Quart (32 fl. oz.)	Metal Can	4
9643363	.935 Gallon (119 fl. oz.)	Metal Can	4
9643365	5 Gallon Pail (640 fl. oz.)	Metal/Plastic Can	1

