

PRODUCT INFORMATION SHEET

PRODUCT DESCRIPTION

Rust-Rehab is a rust converter, primer, and sealer. It penetrates the rust to sound metal, chemically converting the rust to a tough dark, non-removable, non-rusting magnetite and sealing it to the surface.

Rust-Rehab serves as a primer coat, ready for top coating or as a stand-alone protective coating. It is a flexible sealer and will not surface crack.

Rust-Rehab permanently converts surface rust on metal to inert black iron oxide and seals the metal surface. When used as a primer or topcoat, it is proven to protect untreated, bare metal surfaces against moisture and other corrosive elements. It is suitable for use on metal surfaces on “any size” project involving Transportation, Marine, Industrial & Commercial, Farm and Home applications.

ADVANTAGES

- Excellent barrier coat – durable and tough.
- Corrosion resistance (>500 hrs. ASTM B117 @ 2 mil DFT. This equals 1 gal per 200 sq. ft. applied in two coats.)
- Dries to a tough dark, non-removable, and non-rusting magnetite
- Converts existing rust and prevents new oxidation
- Reacts with rust to create a new long-lasting protected surface
- Surface can be top coated for maximum protection in harsh conditions with solvent based or solvent free topcoat. (Non-water based coating)
- Suitable for use on blasted and cold rolled steel.
- Extremely low moisture / vapor permeability.
- Safe, no solvents, and low odors.
- Brush, Roll, or Spray pump application
- Does not evaporate off the surface of metal
- Rarely requires reapplication
- Easy to apply



Benefits compared to phosphoric acid treatment:

1. Non-Polluting, Non-Toxic, Non-Corrosive, contains no Mineral Acids.
2. Compatible with all types of non-water based paints.
3. Will not diminish the structural integrity of the metal surface.
4. No shipping restrictions.
5. Chemically converts rust to magnetite, which is stable and non-rusting.

PRODUCT CHARACTERISTICS

Appearance:	milky, white liquid
Solids	31% wt / 25% vol
Weight per Gallon:	9.37 lbs
VOC:	69 g/l
Coverage:	300 - 500 sq ft / gal

APPLICATION

SURFACE PREPARATION:

1. Remove loose paint and rust scales and heavy buildup with a wire brush, leaving only a rusty base.
2. IMPORTANT: Remove all oil, grease, salt, or water-soluble chemicals with a high strength detergent cleaner.
3. Rinse well with fresh water and let dry.

APPLYING Rust-Rehab:

1. Mix **Rust-Rehab** thoroughly with a paint mixing paddle..
2. Measure the estimated amount needed for the job into a clean container. NOTE: **Rust-Rehab** cannot be returned to the original container due to rust contamination.
3. Use of rubber or latex gloves and eye protection is recommended. Contact will cause temporary skin discoloration that will have to wear off over a short period of time; it is not permanent.
4. For maximum penetration, work **Rust-Rehab** into rusted surfaces with a synthetic bristle brush. On large areas, with a roller, pump or airless sprayer, apply **Rust-Rehab** to rusted surface.
5. Overlaying **Rust-Rehab** over the non-rusting areas will not have a negative effect -- only leaves a clear coating to protect clean area.
6. For best results apply 2 thin coats of 4 wet mils each coat at a rate of 400 sq ft/gallon/coat within 1 to 2 hours of each other and in a cross direction to previous coat.
7. Allow **Rust-Rehab** to dry at least 24 hrs. before top coating. **Rust-Rehab** dries to a dark matte finish.

CLEANUP

All equipment, brushes, rollers, and sprayers should be cleaned immediately after job is completed. Clean with warm, fresh water and dish detergent. Once **Rust-Rehab** has dried you are unable to remove it.

STORAGE

Store in accordance with instructions, with seals and labels intact and legible. 24 months shelf life is expected for products stored between 40°F (4.5°C) - 100°F (38°C).

Do not allow products to freeze.

WARRANTY

TuffTex Materials warrants our products to be free of manufacturing defects in accord with applicable quality control procedures. Liability for products proven defective, if any, is limited to replacement of the defective product or the refund of the purchase price paid for the defective product as determined by NovaTuff Coatings.

TuffTex Materials makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. NovaTuff Coatings assumes no responsibilities for injury from the use of this product

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DISCLAIMER

Refer to the MSDS sheet before use. The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of TuffTex Materials. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Published technical data and instructions are subject to change without notice. Contact your local Nova-Tuff distributor or technical representative for additional technical data and instructions.

OSHA Status: This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. This product is not considered to be a hazardous chemical under that standard.

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