



Revised on April 2012

RUST INHIBITOR

PRODUCT PROFILE:

Novocoat Rust Inhibitor is a high grade, two part epoxy with anti corrosion resistance fillers, to be used for any environment. Rust Inhibitor can be applied over manually prepared surfaces to provide a primer or a top coat for corroded areas where blasting is not allowed. It can be easily applied by brush or roller to achieve a 4 to 8 mils dry film thickness. Novocoat Rust Inhibitor is a 100% solids two part epoxy, non flammable, anti corrosion resistant material. You can partial mix this system or mix the entire unit which covers 266 square feet at 6 mils dry film thickness. For large areas Novocoat Rust Inhibitor can be sprayed with a 30:1 airless or higher. Contact the manufacture for details Novocoat Rust Inhibitor is used on pipe racks, pipes, support columns, tank tops and tank surfaces under installation where corrosion is present from sweating. You can coat over the top of Novocoat Rust Inhibitor 6 hours after installation depending on the temperature.

PRODUCT FEATURES and BENEFITS:

- Non-flammable
- Excellent corrosion resistance
- High adhesion
- Long term protection

CHEMICAL RESISTANCE

- Acetic Acid up to 10%
 - Ammonium Hydroxide*
 - Benzene
 - Black Liquor
 - Butyl Acetate
 - Butyl Carbitol
 - Crude Oil
 - Most Chlorides
 - Hydrochloric Acid up to 20%
 - Hydrogen Sulfide
 - Isopropyl Alcohol
 - Nitric Acid up to 10%
 - Mild Organic Acids
 - Most Phosphates
 - Phosphoric Acid up to 10%
 - Potassium Hydroxide*
 - Sodium Hydroxide*
 - Most sulfides
 - Sulfuric Acid up to 50%
 - 1,1,1,-Trichloromethane
 - Urea Solutions
 - White Liquor
- *Ambient temperature only

PHYSICAL PROPERTIES

Color	Resin: Aluminum/Gray; Hardener: Putty/Beige
Container Sizes	4×1 kg unit (53 sq. ft. @ 6 mils) or 1×1 gallon kit (266 sq. ft. @ 6 mils)
Recommended Thickness	6-12 mils

Flexibility ASTM D522-4	greater than 35%
Flash Point	Resin: greater than 300°F (149°C); Hardener: greater than 200°F (93°C)
Pull-Off Adhesion Test ASTM D 4541	1,600 psi
Specific Gravity	Resin: 1.20; Hardener: 1.48
Mix Ratio	2-1 volume
Weight per gallon	9.83 lbs
Cure Time @ 68°F or 20°C:	45 minutes
Usable Life	8 hours
Touch Dry	16 hours
Hard Dry	6 hours
Minimum Overcoating	12 hours
Maximum Overcoating	

*For every 10° difference, times half or double the pot life: cooler temperature=longer, hotter temperature=shorter

SERVICE TEMPERATURE

Dry Service	250°F (121°C)
Spill/Splash	180°F (82.2°C)
Immersion Service*	140°F (60°C)

*Immersion with solvents, mineral acids, or alkalines, or if over 150°F contact factory

PUMP SPECIFICATIONS

Pump Ratio	30:1 or greater
Minimum Output	3000 psi
Product Hose: Min. – Optimum I.D.	0.25 – 0.5 inch
Max. Length	100 feet

PREPARATION:

Remove all oil/grease and wire brush, grind, or mechanically abrade – whichever is allowed. Install one to 2 coats of Novocoat Rust Inhibitor to the surface.

SAFETY

Mixes and applications of this product present a number of hazards. Read and follow the hazard information, precautions and first aid directions on the individual product labels and material safety data sheets before using. While all statements, technical information, and recommendations contained herein are based on information our company believes to be reliable, nothing contained herein shall constitute any warranty, express or implied, with respect to the products and/or services described herein and any such warranties are expressly disclaimed. We recommend that the prospective purchaser or user independently determine the suitability of our product(s) for their intended use. No statement, information or recommendation with respect to our products,

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whether contained herein or otherwise communicated, shall be legally binding upon us unless expressly set forth in a written agreement between us and the purchaser/user.

Please contact ErgonArmor for further information at 877.982.7667 or FAX 601-933-3381. For all Terms and Conditions of Sale see ergonarmor.com.

ORDERING INFORMATION

For additional information, prices, or to place an order, please contact your ErgonArmor sales representative. If you do not know the name of your sales representative, call 877-98ARMOR.



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