
**PRODUCT
INFORMATION**

NOX-RUST® 707

Description

NOX-RUST® 707 is a water soluble corrosion inhibitor designed for use as a cleaning agent for coiled steel and coated steel products (such as one and two-sided galvanized). NOX-RUST® 707 effectively removes dirt and debris from steel prior to applying mill oils and coiling, providing cleaner steel with extended

protection for oiled steel. When used alone, supplies a high level of temporary protection to metal surfaces as well as application machinery. NOX-RUST® 707 is a synthetic water-based fluid and does not contain any oil or oil-based material, thus eliminating hazards or problems associated with the use of oil.

Physical Properties

Typical Values

Appearance	Straw-colored, clear, aqueous solution
Application	Dipping, spraying, or flow coating diluted liquid.
pH	9.0 (approximately)
Specific Gravity	1.03
Pounds per Gallon	8.5
Removal	Petroleum solvents, alkaline cleaners or steam
Film Type	Light oily, transparent

Protective Properties

Humidity Cabinet * ASTM D-1748	250+ Hours
Salt Spray * ASTM B-117	24 Hours

* *Polished Panels*

Surface Preparation

The maximum performance of NOX-RUST® 707 can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Daubert Chemical Company recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application

NOX-RUST® 707 is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. DO NOT THIN NOX-RUST® 707. Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 50 - 95°F (10 - 35°C) at time of application. NOX-RUST® 707 can be spray or dip applied. DO NOT FREEZE NOX-RUST® 707.

Removal

NOX-RUST® 707 can be removed with mineral spirits, hot alkaline wash, or low-pressure steam. NOX-RUST® 707 can be removed from fabrics by normal dry cleaning procedures. Avoid the

use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Storage

Store NOX-RUST® 707 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Caution

Adequate ventilation is required for cure and to ensure against formation of a combustible liquid. THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT, OR TORCHES. Refer to Daubert's Material Safety Data Sheet for additional handling and first aid information.

Note:

The addition of any product over or under this coating is not recommended. The use of additional coatings could result in chemical incompatibility, thus adversely affecting the performance of this coating as stated in the lab data section. If a product other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

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REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

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