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Technical Data

Nox-Rust® 9700 Liquid

(Water-Based, Thin, Soft Film)

Nox-Rust® 9700 is a water soluble corrosion inhibitor designed for use as a light cleaning agent for coiled steel and coated steel products (such as one and two-sided galvanized). It effectively removes dirt and debris from steel prior to applying mill oils and coiling, providing cleaner steel with extended protection for oiled steel. It supplies a high level of temporary protection to metal surfaces as well as application machinery. Nox-Rust 9700 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

Metal surfaces to be protected should be clean, dry and free of rust, oil and mill scale. Daubert Cromwell recommends that the metal substrate temperature be 50-95°F (10-35°C) at the time of product application.

Application

Nox-Rust 9700 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 Cromwell. DO NOT THIN. Incorrect thinning will affect film build, dry time and product performance. Daubert Cromwell recommends that the ambient and product temperature be 50-95 °F (10-35°C) at time of application. Liquid can be spray or dip applied. DO NOT FREEZE.

Removal
Remove with mineral spirits, hot alkaline wash, or low-pressure steam. Remove from fabrics by normal dry cleaning procedures. Avoid use of chlorinated or highly aromatic solvents when removing from painted surfaces, as these solvents may adversely affect paint.

Storage
Store 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 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 Cromwell's recommended product is required, written authorization must be obtained from Daubert Cromwell.

SMD:02/25/03
Rev 09/10-JP; 6/16 JEB

The data, statements and recommendations in this product information sheet are based on testing, research and other development work, which has been carefully conducted by us, and we believe such data, statements and recommendations will serve as reliable guidelines. Physical properties shown above represent typical values and are not intended for use in writing specifications. However, this product is subject to numerous uses under varying conditions over which we have no control, and accordingly, we do NOT warrant that this product is suitable for any particular use. Users are advised to test the product in advance to make certain it is suitable for their particular production conditions and use.

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Liability under this warranty is limited to the net purchase price of any such products proven defective or, at our option, to the repair or replacement of said products upon their return to us transportation prepaid. All claims on defective products must be made in writing within 30 days after the receipt of such products in your plant and prior to further processing or combining with other material and products.

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