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**PRODUCT  
INFORMATION****NOX-RUST® X-111B****Description**

NOX-RUST® X-111B is a petroleum-based product, especially formulated to provide protection against acid fumes. NOX-RUST® X-111B is designed for use in acid fume environments such as pickling operations.

NOX-RUST® X-111B also provides non-staining, water-displacing, and high humidity protection of steel parts and equipment during storage.

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**Physical Properties****Typical Values**

Application	Dip, spray, flow coat, brush.
Coverage	1,500 ft. <sup>2</sup> /gallon
Removal	Petroleum solvents, alkaline (caustic), cleaners or steam.
Film	Non-drying, thin, waxy.
Specific Gravity	0.82
Pounds per Gallon	6.8
Viscosity (SUS @ 100°F.)	40
Flash Point (COC)	170°F.
Pour Point	<15°F.
% Solids	30%

## Surface Preparation

The maximum performance of NOX-RUST® X-111B 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® X-111B 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® X-111B. 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® X-111B can be spray or dip applied.

## Removal

NOX-RUST® X-111B can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. NOX-RUST® X-111B 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® X-111B 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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**CAUTION:** The data, statements and recommendations set forth 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. However, this product is subject to numerable 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 particular use or uses.

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

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CHEMICAL COMPANY, INC.

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