DAUBERT CROMWELL
The Leading Name in Corrosion Prevention®

12701 S. Ridgeway Ave
Alsip, IL 60803
USA

Toll free: 800-535-3535
888-846-4299
Fax: 708-293-7765

Tel: 708-293-7750
E-mail: info@daubertcromwell.com

Technical Data

Nox-Rust® 3100G

Nox-Rust 3100G is a solvent cutback corrosion preventive compound. The dry film is firm, amber, and translucent. It is widely used as a high performance rust-proofing coating for transportation equipment. The thixotropic nature of Nox-Rust 3100G is capable of building high films.

Laboratory Data

Typical Properties

Flash, PMCC*, Minimum	**106°F**
Density, Weight/Gallon @ 77°F (25°C)	**7.4 ± 0.1 lbs./gallon**
Specific Gravity @ 60°F (15.6°C)	**0.89**
Recommended Dry Film Thickness over Metal Profile	**4 mils**
Theoretical Coverage @ Recommended DFT	**180 sq. ft./gallon**
Non-Volatile % by Weight	**54 ± 2**
Non-Volatile % by Volume	**45 ± 1**
Volatile Organic Content (VOC), Maximum	**3.5 lbs./gallon**
Approximate Dry to Touch Time @ 77°F (25°C)	**2 - 4 hours**
Cure Time	**24 hours**
High Temperature Flow Point, Minimum	**300°F**

Accelerated Corrosion Tests:

5% Salt Spray (Hours)	
ASTM B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)**	**1512**
100% Relative Humidity (Hours)	
ASTM D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	**2000**

*PMCC (Penske Martin Closed Cup)
**ASTM (American Society for Testing and Materials)

Surface Preparation
The maximum performance of Nox-Rust 3100G can be achieved only when the metal surfaces to be protected are 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 3100G 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. Product can be spray applied.

Removal
Remove with solvent-borne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. Remove 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 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.

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.

WARRANTY – All products manufactured by us are warranted to be first class material and free from defects in material and workmanship. 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.

WE MAKE NO WARRANTY, EXPRESS OR IMF
SUITABILITY OF ANY OF OUR PRODUCTS FC
PARTICULAR USE, AND WE SHALL NOT BE S
LIABILITY FROM ANY DAMAGES RESULTING
USE IN OPERATIONS NOT UNDER OUR DIRE
THIS WARRANTY IS EXCLUSIVE OF ALL OTH
WARRANTIES, EXPRESS OR IMPLIED, AND N
REPRESENTATIVE OF OURS OR ANY OTHEF
AUTHORIZED TO ASSUME FOR US ANY OTH
CONNECTION WITH THE SALE OF OUR PRO

Daubert Cromwell, 12701 S. Ridgeway Ave., Alsip, IL 60803 USA 800-535-3535 ; +1-708-293-7750 Fax: +1-708-293-7765 www.daubertcromwell.com