

Product Data

Nox-Rust® 9900

Water-Based Barrier Coating

Rust Inhibitor

Description



Nox-Rust 9900 is an environmentally safe, water-based barrier coating with corrosion protection for steel equipment, assemblies and parts. This high quality, low VOC, emulsified coating contains a superior blend of inhibitors with no solvents, petroleum oils or harmful chemicals.

Recommended for exposed metals stored indoors, metal surfaced in enclosed systems, and on equipment needing short-term protection for short term storage outdoors.

Features



Proven Daubert Cromwell corrosion inhibitor chemistry

- Protects ferrous and non-ferrous metals.
- Compatible with copper and brass
- Hardens to a hard, clear, very thin barrier coating
- Water-based, non-flammable
- Emulsified coating is low VOC
- Compatible with Daubert Cromwell VCI papers, films, and emitters
- Available in 5-gallon pails, 55-gallon drums, and totes

Typical Applications



Typical uses:

- Engine blocks
- Valves
- Gears, bushings, chains.
- Steel equipment, assemblies and parts needing a non-flammable liquid rust preventive coating.

How to Use

- Nox-Rust 9900 can be applied by dipping, spraying, brushing, or flow coating.
- Film is firm and tacky.
- Length of protection:
 - 2+ years indoors
 - 3-6 mos. Outdoors covered.
- Nox-Rust 9900 can be diluted in water up to 1:5 for short-to-medium term protection applications only. *Preliminary performance testing of diluted product recommended.*

Removal

Remove with industrial alkaline cleaners at a temperature of 170-200°F or petroleum solvents such as mineral spirits.

**DAUBERT
CROMWELL**

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Technical Data

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Physical Data

Physical Properties		Typical Values	
Color		Amber-colored, clear, aqueous solution	
pH		8.0-9.0	
Film Type		Hard, clear, very thin	
Specific Gravity @72°C		1.01	
Weight per Gallon		8.3 lb/gallon	
Flash Point		Non-flammable	
Solids by weight %		32.3	
Solids by volume %		31.1	
Test Results			
5% salt spray (ASTM-B-117-64)		150 Hours (min)	
Humidity cabinet (ASTM-D-1748)		200 Hours (min)	
Protection Tim		Uncovered	Covered
Outdoor Storage		1-3 months	3-6 mos.
Indoor Storage		2-3 years	3-5 years

Regulatory

Compliant: RoHS, REACH, California Prop 65

Storage

Store sealed, in a dry location, out of direct sunlight in temperatures not to exceed 95°F (35°C) or below 50°F (10°C).

Shelf Life

12 months from date of shipping, stored in the original shipping container used by Daubert Cromwell and not in high humidity and not at high temperatures, or stored outside. Store unused VCI liquid in a cool, dry place, away from direct sunlight. Storage outside these conditions voids this statement.

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.

WARRANTY The data, statements and recommendations in this product specification 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. 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 implied, as to the suitability of any of our products for any particular use, and we shall not be subject to liability from any damages resulting from their use in operations not under our direct control. This warranty is exclusive of all other warranties, express or implied, and no representative of ours or any other person is authorized to assume for us any other liability in connection with the sale of our products.

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