
**PRODUCT
INFORMATION****NOX-RUST® R-514-265****Description**

NOX-RUST® R-514-265 is a petroleum based sheet metal processing lubricant and preservative designed for use in blankers and high speed auto-shear as a wash designed to both provide lubrication and leave behind a rust inhibiting film and use in press line lubricant applicators and blank washers as a wash, stamping lubricant to protect against

rust after forming. NOX-RUST® R-514-265 can also be used as a rust preventive spray on formed parts. NOX-RUST® R-514-265 is acceptable as a preservative and lubricant on sheet and coil, and is non-interfering with Body and Assembly sealers, adhesives and pre-conditioning systems.

Physical Properties

Film Character
Flash Point
Application
Viscosity cSt @ 40 °C
Specific Gravity
Removal
Odor
Pour Point °F

Typical Values

Oily, non-drying
225 °F (min.)
Spray, dip, brush or roller coat
4 cSt
0.82
Solvent, alkaline cleaners
Oily
<5

Lubrication

NOX-RUST® R-514-265 is a multi-purpose draw lubricant, blank cleaner, flex roll lubricant, and rust preventive for cold rolled sheet and galvanized coated steel.

The material is applied, as received, for forming automotive parts by dip, spray or roll coater application.

Surface Preparation

The maximum performance of NOX-RUST® R-514-265 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® R-514-265 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® R-514-265. 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® R-514-265 can be spray or dip applied.

Removal

NOX-RUST® R-514-265 can be removed with a solvent borne thinner, vapor degreasing, hot alkaline wash, or low-pressure steam. NOX-RUST® R-514-265 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® R-514-265 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.

June 23, 2010:kc

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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