Tectyl® INDUSTRIAL PRODUCTS

PRODUCT INFORMATION

DAUBERT CHEMICAL COMPANY, INC.

Tectyl® 714

Description

TECTYL® 714 is an oil base corrosion preventive compound. The dry film is oily, light bodied, and transparent. TECTYL® 714 is excellent for the protection of steel sheets, coils, bars, and wire in storage or covered transit.

Laboratory Data / Typical Properties

Flash, PMCC*, Minimum	**275°F**
Density, Weight/Gallon @ 77°F (25°C)	**7.52±0.1 lbs./gallon**
Specific Gravity @ 60°F (15.6°C)	**0.903**
Recommended Dry Film Thickness over Metal Profile	**0.25 mils**
Theoretical Coverage @ Recommended DFT	**4,500 sq. ft./gallon**
Non-Volatile % by Weight	**71±2**
Non-Volatile % by Volume	**70±1**
Volatile Organic Content (V.O.C.) Typical CALCULATED	**2.18 lbs./gallon**
Volatile Organic Content (V.O.C.) Actual EXEMPTED	**<0.1 lbs./gallon**
Water Displacement	**Pass**
Stain	**Pass**
<u>Accelerated Corrosion Tests:</u>	
5% Salt Spray (Hours) **ASTM** B-117 @ Recommended DFT** **(2x4x1/8 in. Polished Steel Panels)**	**48**
100% Relative Humidity (Hours) **ASTM** D-1748 @ Recommended DFT** **(2x4x1/8 in. Polished Steel Panels)**	**984**

Surface Preparation

The maximum performance of TECTYL® 714 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

TECTYL® 714 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 TECTYL® 714. 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. TECTYL® 714 can be applied by spray, slush, or dip.

Removal

TECTYL® 714 can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL® 714 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 TECTYL® 714 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 atmosphere. 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.

DAUBERT CHEMICAL COMPANY, INC.

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