

## TECTYL<sup>®</sup> 714

### Description

TECTYL<sup>®</sup> 714 is an oil base corrosion preventive compound. The dry film is oily, light bodied, and transparent. TECTYL<sup>®</sup> 714 is excellent for the

protection of steel sheets, coils, bars, and wire in storage or covered transit.

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### 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
<b><u>Accelerated Corrosion Tests:</u></b>	
5% Salt Spray (Hours)	48
ASTM** B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	
100% Relative Humidity (Hours)	984
ASTM** D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	

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