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DAUBERT CHEMICAL COMPANY, INC.

# **TECTYL® 8140**

# **Description**

TECTYL® 8140 is a solvent cutback, thixotropic corrosion preventive compound suitable for complete undercoating for transportation equipment. The cured film is firm, black, resilient, abrasion resistant, and provides sound deadening.

## **Laboratory Data**

Flash, PMCC\*, Minimum

Density, Weight/Gallon @ 77°F (25°C)

Specific Gravity @ 60°F (15.6°C)

**Recommended Dry Film Thickness over Metal Profile** 

Theoretical Coverage @ Recommended DFT

Non-Volatile % by Weight

Non-Volatile % by Volume

**Volatile Organic Content (VOC)** 

Approximate Dry to Touch Time @ 77°F (25°C)

**Cure Time** 

**High Temperature Flow Point, Minimum** 

#### **Accelerated Corrosion Tests:**

5% Salt Spray (Hours)

ASTM\*\* B-117 @ Recommended DFT

(4x12x20 gauge C. R. steel substrate)

100% Relative Humidity (Hours)

ASTM D-1748 @ Recommended DFT

(4x12x20 gauge C. R. steel substrate)

# **Typical Properties**

105°F

 $8.1 \pm 0.1$  lbs./gallon

0.97

15 - 20 mils

55 sq. ft./gallon

 $61 \pm 2$ 

52 ± 2

2.8 lbs./gallon

2 - 4 hours

16 - 24 hours

350°F

500

500

<sup>\*</sup>PMCC (Penske Martin Closed Cup)

<sup>\*\*</sup>ASTM (American Society for Testing and Materials)

## **Surface Preparation**

The maximum performance of TECTYL® 8140 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® 8140 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® 8140. 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® 8140 can be airless spray applied.

#### Removal

TECTYL® 8140 can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL® 8140 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<sup>®</sup> 8140 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, Inc.

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