

## TECTYL<sup>®</sup> 437D

### Description

Tectyl<sup>®</sup> 437D is a hot application corrosion preventive compound which provides an effective barrier against atmospheric corrosion. The film is semi-firm, tan in

color, and opaque. Tectyl<sup>®</sup> 437D is covered under Military Specification MIL-C-11796C, Class 3, QPL Reference Number M-6154.

### Laboratory Data

### Typical Properties

Flash, PMCC*, Minimum	350°F
Density, Weight/Gallon @ 77°F (25°C)	7.7 ± 0.1 lbs./gallon
Specific Gravity @ 60°F (15.6°C)	0.92
Recommended Dry Film Thickness over Metal Profile	1.5 mils
Theoretical Coverage @ Recommended DFT	145 sq. ft./pound
Non-Volatile % by Weight	99.4
Non-Volatile % by Volume	99.4
High Temperature Flow Point, Minimum	130°F
Melting Point	162°F
Penetration @ 77°F (25°C), mm	211
Application (dip) Temperature	180°F Max.

#### Accelerated Corrosion Tests:

5% Salt Spray (Hours) ASTM** B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	500
100% Relative Humidity (Hours) ASTM D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	720
Weathering Hours (Federal Standard 141, Method 6151 @ Recommended DFT)	300

\*PMCC (Penske Martin Closed Cup)

\*\*ASTM (American Society for Testing and Materials)

### Surface Preparation

The maximum performance of TECTYL® 437D 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® 437D should be applied to clean, dry metal surfaces in the hot (molten) state by hot airless spray or dip. (See application temperatures under Lab Data.) TECTYL® 437D can be applied at warm, ambient temperatures by brush or swab.

### Removal

TECTYL® 437D can be removed by TECTYL® HPS, vapor degreasing, or high-pressure steam cleaning.

### Caution

For additional handling and first aid information, refer to Daubert's Material Safety Data Sheet.

### 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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