

Tectyl[®] 185GW BLACK

Description

TECTYL[®] 185GW Black is a solvent cutback, thixotropic corrosion preventive compound. The dry film is semi-firm and has a semi-gloss appearance. TECTYL[®] 185GW Black provides outstanding protection in marine, tropical, and industrial environments, and is widely used for

transportation equipment. TECTYL[®] 185GW Black possesses dielectric strength of 800 volts per dry mil of coating. TECTYL[®] 185GW Black provides galvanic corrosion protection and can be applied on battery terminals for insulating purposes.

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), Maximum
Approximate Dry to Touch Time @ 77°F (25°C)
Cure Time
High Temperature Flow Point, Minimum
Dielectric Strength, volts/dry mil (ASTM D-149-92)

Typical Properties

106°F
7.8 ± 0.1 lbs./gallon
0.94
4 - 5 mils
178.2 sq. ft./gallon
58 ± 2
50 ± 2
3.4 lbs./gallon
8 - 10 hours
12 - 24 hours
350°F
800

Accelerated Corrosion Tests:

5% Salt Spray (Hours)	
ASTM** B-117 @ Recommended DFT	3384
(2x4x1/8 in. Polished Steel Panels)	
100% Relative Humidity (Hours)	
ASTM D-1748 @ Recommended DFT	3000
(2x4x1/8 in. Polished Steel Panels)	
Weathering Hours	
ASTM G-26 Method A--Xenon Lamp	2000
ASTM G-53 QUV Cyclic	
Ultraviolet/Condensation Tester	2000

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of TECTYL® 185GW Black 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® 185GW Black 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® 185GW Black. 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® 185GW Black can be airless spray applied.

Removal

TECTYL® 185GW Black can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL® 185GW Black 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® 185GW Black 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' recommended product is required, written authorization must be obtained from Daubert Chemical Company.

June 30, 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 numerous 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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