

TECTYL[®] 1185 Black

Description

TECTYL[®] 1185 Black is a thixotropic wax-gel corrosion preventive compound. The dry film is semi-firm and has a flat appearance. TECTYL[®] 1185 Black provides outstanding protection in marine, tropical, and industrial environments, and is widely

used for transportation equipment. TECTYL[®] 1185 Black will dry to a firm wax-like film that will repel water, self-heal and remain flexible at low temperatures.

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
Viscosity @ 77°F spindle #5 @ 10 RPM
Coverage @4 – 6 mils dry

Typical Properties

106°F
10.0 ± 0.1 lbs./gallon
1.20
4 - 5 mils
178.2 sq. ft./gallon
73
58
2.8 lbs./gallon
3 - 4 hours
12 - 24 hours
350°F
10,000 – 20,000 cps
160 – 230 square feet / gallon

Accelerated Corrosion Tests:

5% Salt Spray (Hours)
ASTM** B-117 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels)

2500

100% Relative Humidity (Hours)
ASTM D-1748 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels)

2500

Weathering Hours
ASTM G-26 Method A--Xenon Lamp
ASTM G-53 QUV Cyclic Ultraviolet/Condensation
GM Corrosion Cycles

2000
2000
Pass – 30 cycles

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of TECTYL[®] 1185 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[®] 1185 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[®] 1185 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[®] 1185 Black can be airless spray applied.

Removal

TECTYL[®] 1185 Black can be removed with TECTYL[®] HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL[®] 1185 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.**

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' 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.