

Tectyl[®] **3305 BLACK**

Description

TECTYL[®] 3305 Black is a zero VOC, air-dry, waterborne emulsion corrosion preventive coating for ferrous and non-ferrous metals. The cured film is hard and durable. TECTYL[®] 3305 Black is designed for use on transportation equipment. TECTYL[®] 3305 will

provide a long lasting durable film. This coating is most effective as an underbody coating on trucks and trailers. TECTYL[®] 3305 Black can be recoated with most urethane, acrylic, or alkyd resin formulated automotive topcoats.

Laboratory Data

Flash, PMCC*, Minimum
Density, Weight/Gallon @ 77°F (25°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

Gravelometer, -20°C, SAE J-400,
GM-998-4247, GM9508P

Accelerated Corrosion Tests:

5% Salt Spray (Hours) at 15 mils DFT
ASTM** B-117 @ Recommended DFT:
(2x4x1/8 in. Cast Iron Panels)

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

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Typical Properties

212°F
11.4 ± 0.1 lbs./gallon
10 - 15 mils
60 sq. ft./gallon
65 ± 2
49 ± 2
0
30 – 60 minutes
24 hours

Pass, Excellent Rating
No Adhesion Loss

Surface Preparation

The maximum performance of TECTYL® 3305 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® 3305 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 water and coalescing solvent during use, contact Daubert Chemical Company. DO NOT THIN TECTYL® 3305 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® 3305 Black can be airless spray or dip applied. DO NOT FREEZE TECTYL® 3305 Black.

Removal

The dry film is not normally intended for removal. The product can be repainted after the film is cured. TECTYL® WBS-A, citrus or alkaline cleaner will remove fresh residue accumulated

on application equipment. If removability is a factor, contact Daubert Chemical Company and samples should be evaluated prior to application.

Storage

Store TECTYL® 3305 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 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, Inc.

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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 numerable 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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PAGE 2 OF 2

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