

Tectyl® 4033

Description

TECTYL® 4033 is a water based, thixotropic, black corrosion preventive compound. The dry film is waxy and non-tacky. TECTYL® 4033 provides excellent weathering and corrosion protection for industrial

applications including various forms of wood flooring. TECTYL® 4033 is recommended for use in the transportation industry as an undercoating for metal and wood surfaces.



Laboratory Data

Physical Properties

Flash, PMCC*, Minimum
 Density, Weight/Gallon @ 77°F (25°C)
 Specific Gravity @ 60°F (15.6°C)
 Recommended Dry Film Thickness over Metal Profile
 Non-Volatile % by Weight
 Non-Volatile % by Volume
 Volatile Organic Content (VOC), Maximum
 Approximate Dry to Touch Time @ 77°F (25°C, 50% RH)
 Cure Time
 Freeze Thaw Stability

Typical Properties

N/A
 8.2 ± 0.15 lbs./gallon
 0.98
 5 – 7 mils
 41 ± 2
 44 ± 2
 0.6 lbs./gallon
 24 hours
 7 days
 None – Do Not Freeze

Performance Tests:

5% Salt Spray (Min Hours) ASTM** B-117 @ Recommended DFT (2x3x1/8 in. Polished Steel Panels)	2000
100% Relative Humidity (Min Hours) ASTM D-1748 @ Recommended DFT	2500
Gravelometer, --20°C, CSAE-J 400	Good or Better Rating
High Temperature Flow Resistance @ 80°C	No Sagging
Corrosion Cycles, BM 9505 PG – 30 Cycles	No Defects

*PMCC (Penske Martin Closed Cup)
 **ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of TECTYL® 4033 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® 4033 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 during use, contact Daubert Chemical Company. DO NOT THIN TECTYL® 4033. 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® 4033 can be airless spray applied.

Removal

TECTYL® 4033 can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL® 4033 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® 4033 at temperatures between 50-95°F (10-35°C). Mild agitation is recommended prior to use.

Caution

Adequate ventilation is required for cure. 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.

July 7, 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 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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