

Tectyl[®] 848 DHF

Description

TECTYL[®] 848 DHF is a solvent cutback, water displacing, soft wax/oil base corrosion preventive compound. The film is thin, extremely light, oily, and

translucent. TECTYL[®] 848 DHF can be used to protect metal parts and components in shipment and storage where a high flash product is necessary.

Laboratory Data

Flash, PMCC*, Minimum
Density, Weight/Gallon @ 77°F (25°C)
API Gravity
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 (V.O.C.)
Approximate Dry to Touch Time @ 77°F (25°C)
Cure Time
Water Displacement, Federal Standard 791
High Temperature Flow Point, Minimum

Accelerated Corrosion Tests:

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

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

Weathering Hours (Federal Standard 141,
Method 6151 @ Recommended DFT)

Typical Properties

140°F
6.92 lbs./gallon
36.0
0.829
0.13 mils
3,450 sq. ft./gallon
32 - 37.5
28 - 34
4.72 lbs./gallon
(N/A)
(N/A)
Pass
(N/A)

1200

(N/A)

(N/A)

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Benefits

Easy Application:

TECTYL[®] 848 DHF is designed for easy application by spray, dip or brush.

Low-Cost Protection:

TECTYL[®] 848 DHF is a one-coat rust preventive. The thin film provides high coverage and low-cost protection.

Long-Term Protection

TECTYL[®] 848 DHF is an excellent indoor preservative for phosphated or unphosphated machined parts, automotive parts, crankshafts, bar and drill stock, and other ferrous parts. TECTYL[®] 848 DHF has active water displacing properties and will quickly displace water and water/oil emulsions from metals. It can be used as an anti-spatter compound for welding operations. TECTYL[®] 848 DHF is miscible with lubricating oils and generally need not be removed from protected components of these systems.

Surface Preparation

The maximum performance of TECTYL[®] 848 DHF can be achieved only when the metal surfaces to be protected are clean and dry. However, TECTYL[®] 848 DHF is an excellent water displacer and penetrant and is effective on lightly rusted and/or damp surfaces.

Application

Ensure uniform consistency prior to use. Continuous stirring or thinning is generally not required. If product thickens due to cold storage or loss of solvent during use, add only aliphatic mineral spirits and only if necessary to restore consistency. Apply at 50 - 95°F (10 - 35°C) by spray, dip, or brush.

Coverage

The theoretical coverage is 3,450 square feet per gallon (84.7 square meters per litre) at recommended dry film thickness of 0.13 mils (3.3 microns). Material losses during application will vary and must be considered when estimating job requirements.

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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Removal

TECTYL[®] 848 DHF can be removed if necessary with mineral spirits or any similar petroleum solvent, vapor degreasing, or chemical cleaning. TECTYL[®] 848 DHF can be removed from fabrics by normal dry cleaning procedures. Avoid the use of highly aromatic solvents when removing from painted surfaces, as these solvents may affect paint.

Caution: Combustible

TECTYL[®] 848 DHF cures by solvent evaporation. Keep away from heat, sparks, and open flame. Use with adequate ventilation. If applied to the interior of an enclosed vessel, adequate ventilation is required for cure and to ensure against formation of an explosive atmosphere. For further information, consult Technical Bulletins #22 and #34. 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 products other than Daubert Chemical Company's recommended product is required, written authorization must be obtained from Daubert Chemical Company.

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