

TECTYL[®] 848DHF

Description

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

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

Laboratory Data

Typical Properties

Flash, PMCC*, Minimum	140°F
Density, Weight/Gallon @ 77°F (25°C)	6.92 lbs./gallon
API Gravity	36.0
Specific Gravity @ 60°F (15.6°C)	0.829
Recommended Dry Film Thickness over Metal Profile	0.13 mils
Theoretical Coverage @ Recommended DFT	3,450 sq. ft./gallon
Non-Volatile % by Weight	32 - 37.5
Non-Volatile % by Volume	28 - 34
Volatile Organic Content (V.O.C.)	4.72 lbs./gallon
Approximate Dry to Touch Time @ 77°F (25°C)	(N/A)
Cure Time	(N/A)
Water Displacement, Federal Standard 791	Pass
High Temperature Flow Point, Minimum	(N/A)
Accelerated Corrosion Tests:	
5% Salt Spray (Hours)	
ASTM** B-117 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	1200
100% Relative Humidity (Hours)	
ASTM D-1748 @ Recommended DFT (2x4x1/8 in. Polished Steel Panels)	(N/A)
Weathering Hours (Federal Standard 141, Method 6151 @ Recommended DFT)	(N/A)

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Benefits

Easy Application

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

Low-Cost Protection

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

Long-Term Protection

TECTYL[®] 848DHF is an excellent indoor preservative for phosphated or unphosphated machined parts, automotive parts, crankshafts, bar and drill stock, and other ferrous parts. TECTYL[®] 848DHF 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[®] 848DHF is miscible with lubricating oils and generally need not be removed from protected components of these systems.

Surface Preparation

The maximum performance of TECTYL[®] 848DHF can be achieved only when the metal surfaces to be protected are clean and dry. However, TECTYL[®] 848DHF 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.

Removal

TECTYL[®] 848DHF can be removed if necessary with mineral spirits or any similar petroleum solvent, vapor degreasing, or chemical cleaning. TECTYL[®] 848DHF 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[®] 848DHF 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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