

## Tectyl<sup>®</sup> 848 DHF



### Description

TECTYL<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 848 DHF is designed for easy application by spray, dip or brush.

#### Low-Cost Protection:

TECTYL<sup>®</sup> 848 DHF is a one-coat rust preventive. The thin film provides high coverage and low-cost protection.

## Long-Term Protection

TECTYL<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 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<sup>®</sup> 848 DHF can be achieved only when the metal surfaces to be protected are clean and dry. However, TECTYL<sup>®</sup> 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 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.

**WARRANTY:** Daubert Chemical Company, Inc. ("Daubert") warrants all products manufactured by it to be free from defects in material and workmanship. DAUBERT MAKES NO OTHER WARRANTIES, WHETHER, EXPRESSED OR IMPLIED, WITH RESPECT TO SUCH PRODUCTS, AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND IMPLIED WARRANTIES ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE, ARE DISCLAIMED BY DAUBERT. All claims hereunder must be made in writing within 30 days after receipt of the products at the buyer's plant and prior to further processing the products or combining them with other materials or products. Daubert's liability, whether under this warranty or in contract, tort, negligence or otherwise, is limited to the return of the net purchase price paid for any products proven defective or, at Daubert's option, to the repair or replacement of said products upon their return, transportation prepaid, to Daubert. THE REMEDY HEREBY PROVIDED SHALL BE THE EXCLUSIVE AND SOLE REMEDY OF THE BUYER, AND UNDER NO CIRCUMSTANCES SHALL DAUBERT BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. No Daubert representative or other person is authorized to change this warranty in any way or to assume for Daubert any other liability in connection with the sale or use of its products.

REFER TO MATERIAL SAFETY DATA SHEET FOR HEALTH AND SAFETY INFORMATION.

**DAUBERT**  
CHEMICAL COMPANY, INC.

PAGE 2 OF 2

4700 South Central Avenue ■ Chicago, IL 60638 ■ 1-800-688-0459 ■ or 708-496-7350 ■ Fax: 708-496-7367

Visit our web site at [www.daubert.com](http://www.daubert.com) ■ Our e-mail is [dauchem@daubert.com](mailto:dauchem@daubert.com)



## Removal

TECTYL<sup>®</sup> 848 DHF can be removed if necessary with mineral spirits or any similar petroleum solvent, vapor degreasing, or chemical cleaning. TECTYL<sup>®</sup> 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<sup>®</sup> 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.

July 6, 2010:kc