

## TECTYL® 2423 HAPS Free Pigmented

### Description

TECTYL® 2423 HAPS Free Pigmented is a low VOC, high solids, emulsion corrosion preventive coating. TECTYL® 2423 HAPS Free Pigmented provides excellent protection to ferrous and non-ferrous metals with a single application. The cured film is hard and

flexible. TECTYL® 2423 HAPS Free Pigmented is an industrial coating suitable for intermodal chassis/containers, rail cars, road, and construction equipment.

### Laboratory Data

Flash, PMCC\*, Minimum  
 Density, Weight/Gallon @ 77°F (25°C)  
 Specific Gravity @ 60°F (15.6°C)  
 Recommended Dry Film Thickness over Metal Profile  
 Theoretical Coverage @ Avg. Recommended DFT  
 Non-Volatile % by Weight  
 Non-Volatile % by Volume  
 Volatile Organic Content (VOC), Maximum  
 Approximate Dry to Touch Time @ 77°F (25°C)  
 Mechanical Properties @ Recommended DFT  
   Gloss (60/20)  
   Mandrell Bend (180°)  
   Pencil Hardness  
   Gravelometer Testing @ Room Temp.  
     (SAE J400) @ -10°F / 2 hours

### Typical Properties

150°F  
 10.46 ± 0.2 lbs./gallon  
 1.26  
 5.0 - 6.0 mils  
 116.7 sq. ft./gallon  
 54 ± 2  
 40 ± 2  
 1.5 lbs./gallon  
 30 - 45 minutes  
 45/15  
 Excellent  
 H  
 6A - Excellent  
 5A - Very Good

(Typical values may vary due to pigmentation and/or individual application requirements.)

### Accelerated Corrosion Tests: (2x4x1/8 in. Polished Steel Panels)

5% Salt Spray (Hours) ASTM** B-117 @ Recommended DFT:	1800
100% Relative Humidity (Hours) ASTM D-1748 @ Recommended DFT:	1000
Weathering Hours (Federal Standard 141, Method 6151 @ Recommended DFT:)	1000

\*PMCC (Penske Martin Closed Cup)

\*\*ASTM (American Society for Testing and Materials)

## Surface Preparation

The maximum performance of TECTYL® 2423 HAPS Free Pigmented 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® 2423 HAPS Free Pigmented 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 or coalescing solvent during use, contact Daubert Chemical Company. DO NOT THIN TECTYL® 2423 HAPS Free Pigmented. 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® 2423 HAPS Free Pigmented can be applied by air assist or airless spray. DO NOT FREEZE TECTYL® 2423 HAPS Free Pigmented.

## Removal

The dry film is not normally intended for removal. The product can be stenciled over after the film is cured. An 80/20 blend of water and ethylene glycol monobutyl ether, 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 use.

## Storage

Store TECTYL® 2423 HAPS Free Pigmented 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 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.

3/24/04:kp

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.

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.**