

Tectyl[®] 283-S 17HF



Description

TECTYL[®] 283S-17HF is a water displacing, solvent cutback, oil based corrosion preventive compound, lubricant, and penetrant. The film is an ultralight, transparent, non-staining oil. TECTYL[®] 283S-17HF

is used to protect industrial parts during long-term indoor or covered storage, and during domestic shipment.

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 @ Recommended DFT
Non-Volatile % by Weight
Non-Volatile % by Volume
Volatile Organic Content (VOC), Maximum
Approximate Dry to Touch Time @ 77°F (25°C)
Cure Time
Water Displacement Test
Federal Standard STD-791, Method 3007

Typical Properties

140°F
6.74 lbs./gallon
0.81
0.10 mils
2,250 sq. ft./gallon
17 ± 1
14 ± 1
6.3 lbs./gallon
1 hour
3 hours
Pass

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)

96

2000

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of TECTYL® 283S-17HF 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® 283S-17HF 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 solvent during use, contact Daubert Chemical Company. DO NOT THIN TECTYL® 283S-17HF. 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® 283S-17HF can be spray or dip applied.

Removal

TECTYL® 283S-17HF can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkaline wash, or low pressure steam. TECTYL® 283S-17HF 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.

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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