

Tectyl[®] 861 SGD

Description

TECTYL[®] 861 SGD is a corrosion preventive compound for ferrous and non-ferrous metals. The cured film is very thin, transparent, and slightly oily. TECTYL[®] 861 SGD is primarily intended as a steel

mill "slushing compound" for the protection of galvanized steel tubing and coils during transit and storage.

Laboratory Data

Flash, PMCC*, Minimum
Density, Weight/Gallon @ 77°F (25°C)
API Gravity @ 60/60
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) @ 9.5% solids by wt.

Typical Properties

English

106°F
6.6 ± 0.1 lbs./gallon
46.0
0.7972
0.06 mils
2,520 sq. ft./gallon
10.5 ± 1
9.4 ± 1
5.98 lbs./gallon

Accelerated Corrosion Tests:

100% Relative Humidity (Hours) 3264
ASTM D-1748 @ Recommended DFT
(2x4x1/8 in. Polished Steel Panels)

*PMCC (Penske Martin Closed Cup)

**ASTM (American Society for Testing and Materials)

Surface Preparation

The maximum performance of TECTYL® 861 SGD 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 20 - 95°F (-6.7 - 35°C) at time of product application.

Application

TECTYL® 861 SGD is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If product thickens due to cold storage or loss of solvent during use, contact Daubert Chemical Company. DO NOT THIN TECTYL® 861 SGD. Incorrect thinning will affect film build, dry time and product performance. Daubert Chemical Company recommends that the ambient and product temperature be 20 - 95°F (-6.7 - 35°C) at time of application. TECTYL® 861 SGD can be applied by spray, dip, brush, or roller.

Removal

TECTYL® 861 SGD can be removed with TECTYL® HPS solventborne thinner, vapor degreasing, hot alkali wash, or low pressure steam. TECTYL® 861 SGD 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

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 health and safety instructions.

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.

July 6, 2010:kc

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 ■ Our e-mail is dauchem@daubert.com

