

TECTYL 846

Description

TECTYL 846 is a solvent cutback, wax base, general purpose, corrosion preventive compound.

TECTYL 846 meets the performance requirements of Military Specification MIL-C-16173D, Grade 4. and is excellent for long term protection of metallic surfaces against corrosion in either indoor or outdoor exposure and during domestic and international shipments, like machinery, machine rolls/tools, automatic parts, dies, tubing, and spare parts.

TECTYL 846 cures to a dark amber colored, waxy, transparent, firm film.

Typical Properties

Flashpoint; PMCC	40	°C
Specific Gravity @ 60°F	0.87	kg/ltr
Recommended Dry Film Thickness	50	microns minimum
Theoretical Coverage @ Avg. Recommended DFT	9.2	m ² /l
Non Volatile	52	weight %
Viscosity; DIN (53 211) Cup No. 4 @ 20°C (at time of manufacture)	85	seconds
Dry to Touch Time @ 25°C	± 2	hours
Cure Time @ 25°C	± 24	hours
Volatile Organic Content (VOC) (ASTM D-3960)	415	g/l

Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117) (DIN 1623 Steel Panels)	40+	days
Humidity; 100 % RH; @ 40°C; DIN 50 017-KK (DIN 1623 Steel Panels)	100+	days

This information only applies to products manufactured in the following location(s): Europe

Effective Date:
8-Aug-06

Replaces:
15-11-1999

Author's Initials:
JAVM

Pages
1/2

Code:
TECTYL 846.DOC



Product Information



A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

TECTYL 846

Surface Preparation:

The maximum performance of **TECTYL 846** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends that the metal substrate temperature be 10-35 °C at the time of product application.

Application:

TECTYL 846 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 Valvoline. **DO NOT THIN TECTYL 846**. Incorrect thinning will affect film build, dry time and product performance. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. **TECTYL 846** can be applied by airless spray or brush.

Removal:

TECTYL 846 can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

Storage:

TECTYL 846 should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition **TECTYL 846** can be subject to postproduction viscosity changes during storage.

Under proper storage conditions **TECTYL 846** can have a shelf life of 3 years minimum.

Caution:

Adequate ventilation is required for cure and to ensure against formation of combustible liquid. **THE PARTIALLY CURED FILM SHOULD NOT BE EXPOSED TO IGNITION SOURCES SUCH AS FLARES, FLAMES, SPARKS, EXCESSIVE HEAT OR TORCHES**. Refer to Valvoline'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 affecting the performance of this coating as stated in the Typical Properties section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

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