



Product Information



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

TECTYL 800-D

Description

TECTYL 800-D is a waterdisplacing, low viscosity coating and lubricating oil corrosion preventive compound. The film is a light, transparent oil.

TECTYL 800-D is formulated to meet Federal Specification VV-L-800 and MIL-P-1167 type P-9.

TECTYL 800-D is recommended for the protection and lubrication of small arms and automatic weapons, industrial equipment, tools, pneumatic controls and light duty machinery and motors in moist, cold conditions.

TECTYL 800-D also serves as a light gauge wire preservative and a tube coating for undercover shipment and storage.

Typical Properties

Flashpoint; COC	140	°C
Specific Gravity @ 60°F	0.88	kg/m ³
Viscosity @ 40°C	12	mm ² /s (cst)
Recommended Film Thickness	6.5	microns
Theoretical Coverage @ Avg. Recommended FT	155	m ² /l
Dry to Touch Time @ 25°C	± 1/2	hours
Cure Time @ 25°C	2 - 3	hours
Water Displacement (US Federal Standard STD 791-3007)	Pass	

Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Humidity; 100 % RH; @ 40°C; DIN 50 017-KK (2x4x1/8" Polished Steel Panels)	40	days
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This information only applies to products manufactured in the following location(s): Europe

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Pages	Code:
02-09-1999	02-09-2000		JAvM	1/2	TECTYL 800-D.DOC

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Surface Preparation:

The maximum performance of **TECTYL 800-D** 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 800-D is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. **DO NOT THIN TECTYL 800-D**. 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 800-D** can be applied by spray, line lubricators or dip. **DO NOT FREEZE TECTYL 800-D**.

Removal:

TECTYL 800-D can be removed with mineral spirits or any similar petroleum solvent, vapour degreasing, hot alkaline wash or low pressure steam.

Storage:

TECTYL 800-D should be stored at temperatures between 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 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 product, other than a Valvoline recommended product is required, written authorisation must be obtained from Valvoline.

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