



# Product Information



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

## TECTYL 506 WD

### Description

**TECTYL 506 WD** is a water-displacing, solvent cutback, wax base, general purpose, corrosion preventive compound suitable for the widest range of application requirements for vehicle rustproofing, protection of machinery and parts in storage.

**TECTYL 506 WD** protects parts in indoor and outdoor storage as well as domestic and international shipments.

**TECTYL 506 WD** 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	9.6	m <sup>2</sup> /l
Non Volatile	54	weight %
Viscosity; DIN (53 211) Cup No. 4 @ 20°C (at time of manufacture)	57	seconds
Dry to Touch Time @ 25°C	± 1	hours
Cure Time @ 25°C	± 24	hours
Volatile Organic Content (VOC) (ASTM D-3960)	397	g/l

### Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117) (DIN 1623 Steel Panels)	15+	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

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Code: TECTYL 506 WD.DOC



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### Surface Preparation:

The maximum performance of **TECTYL 506 WD** 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 506 WD** 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 506 WD**. 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 506 WD** can be applied by airless spray, brush or dipping. **DO NOT FREEZE TECTYL 506 WD**.

### Removal:

**TECTYL 506 WD** can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

### Storage:

**TECTYL 506 WD** 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 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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