

---

**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

Effective Date:  
8-Aug-06

Replaces:  
02-09-1999

Author's Initials:  
JAVM

Pages  
1/2

Code:  
TECTYL 506 WD.DOC

*The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Ashland or others is not to be inferred from any statement contained herein.*



# Product Information



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

## TECTYL 506 WD

### 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.

### 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. Due to its composition **TECTYL 506 WD** can be subject to postproduction viscosity changes during storage.

Under proper storage conditions **TECTYL 506 WD** 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.

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

Effective Date:

8-Aug-06

Replaces:

02-09-1999

Author's Initials:

JAVM

Pages

2/2

Code:

TECTYL 506 WD.DOC

*The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Ashland or others is not to be inferred from any statement contained herein.*