

## TECTYL 506

### Description

**TECTYL 506** is a solvent cutback, wax base, general purpose, corrosion preventive compound.

**TECTYL 506** 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 506** 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 <sup>2</sup> /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:	Replaces:	Author's Initials:	Pages	Code:
8-Aug-06	22-09-1999	JAVM	1/2	46 Tectyl 506.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.*

## TECTYL 506

### Surface Preparation:

The maximum performance of **TECTYL 506** 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** 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**. 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** can be applied by airless spray or brush.

### Removal:

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

### Storage:

**TECTYL 506** should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition **TECTYL 506** can be subject to postproduction viscosity changes during storage.

Under proper storage conditions **TECTYL 506** 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:  
22-09-1999

Author's Initials:  
JAVM

Pages  
2/2

Code:  
46 Tectyl 506.Doc