

Valvoline Performance Products – Tectyl

Version: TE027/01

## Tectyl™ 400-C

*Premium solvent based corrosion preventive compound.*

**TECTYL 400-C** is a solvent cutback, wax base, corrosion preventive compound.

**TECTYL 400-C** is designed to protect metal surfaces against corrosion in long-term indoor or short-term outdoor exposure and during domestic and overseas shipment.

**TECTYL 400-C** cures to a dark amber colored, waxy, transparent, firm film.

### Approvals/Performance levels

<b>Tectyl 400-C</b>
<p><b>Accelerated Corrosion tests:</b> @ Average recommended DFT</p> <p>Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) <b>8+ days</b></p> <p>Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) <b>21+ days</b></p>
<p><b>Estimated Protection Period</b></p> <p>Indoor: 24 months Outdoor: 6 months</p>

### Application

**Surface Preparation:**

The maximum performance of **TECTYL 400-C** 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 is 10-35 °C at the time of product application.

**Application:**

**TECTYL 400-C** 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 400-C.** 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 400-C** can be applied by low pressure air spray or dipping.

**Removal:**

**TECTYL 400-C** can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam. Tectyl Biocleaner can also be used to remove Tectyl 400-C.

### Features and Benefits

**Excellent protection**

Tectyl 400-C protects your parts during storage, domestic and overseas transport against corrosion.

**Economical solution**

With the thin layer of only 25 microns a large area can be protected against corrosion.

**Easy application**

Tectyl 400-C can be applied by low pressure air spray, but also by dipping the parts in a bath filled with Tectyl 400-C.

**Health and Safety**

For the health and safety related properties of this product reference is made to the Safety Data Sheet (SDS). A Safety Data Sheet is available on request via your local sales office or via the internet @ <http://msds.ashland.com>

**Protect the Environment**

Do not discharge into drains, soil or water.

**Storage**

Tectyl 400-C should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use.

Due to its composition Tectyl 400-C can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 400-C can have a shelf life of 36 months minimum.

**Typical Properties**

Typical property characteristics are based on current production. Whilst future production will conform to Tectyl specifications, variations in these characteristics may occur.

<b>Tectyl 400-C</b>	
<b>Flash Point, PMCC [°C]</b>	40
<b>Density @ 20°C [kg/ltr]</b>	0,86
<b>Recommended Dry Film Thickness over metal profile [microns]</b>	25
<b>Theoretical coverage @ recommended DFT [m<sup>2</sup>/ltr]</b>	16,3
<b>Non Volatile [weight %]</b>	47
<b>Viscosity; DIN (53211) Cup No. 4 @ 20°C (at time of manufacture) [sec]</b>	23
<b>Dry to touch time @ 20°C [hours]</b>	1
<b>Cure time @ 20°C [hours]</b>	24
<b>Volatile Organic Content ISO 11890-2 (10.4) [g/ltr]</b>	453

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

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**Trusted since 1930**

Since 1930, Tectyl™ protective coatings have been extending the operational life of cars, trucks, buses and other vehicles and equipment.

The Tectyl name is synonymous with quality coatings that are easy to apply, long-lasting and easy to remove when no longer required.

For more information on Tectyl products, programs and services please visit [www.tectyl-europe.com](http://www.tectyl-europe.com)

**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 the 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. When applied on top or under another layer, please test prior to use on a small surface.

**Author:**

RdB, August 2015  
Replaces August 2006