

Valvoline Performance Products – Tectyl

Version: TE012/02

## Tectyl™ 502-C

**Premium solvent based corrosion preventive compound.**

**TECTYL 502-C** is a solvent cutback, soft wax base, corrosion preventive compound.

**TECTYL 502-C** is designed to protect parts in indoor and covered storage and shipment.

**TECTYL 502-C** is designed to protect ferrous and non-ferrous parts for indoor or covered storage and during shipment.

**TECTYL 502-C** cures to a dark amber, transparent, soft greasy film.

### Approvals/Performance levels

#### Tectyl 502-C

##### Accelerated Corrosion tests:

@ Average recommended DFT

Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS  
(Q-Panels, Type R, ASTM A1008)

**7+ days**

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH  
(Q-Panels, Type R, ASTM A1008)

**40+ days**

Tectyl 502-C meets the performance requirements of Military Specification MIL-C-16173E, version 1993, Grade 2 Class 1.

##### Estimated Protection Period

Indoor: 24 months

Outdoor: 6 months

### Applications

#### Surface preparation:

The maximum performance of **TECTYL 502-C** cutbacks 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. Direct contact of **TECTYL 502-C** with PVC can cause compatibility problems. Please test prior to use.

#### Application:

**TECTYL 502-C** is formulated to be used as supplied. DO NOT THIN **TECTYL 502-C**. Tectyl 502-C can be applied by low pressure air spray or dipping.

#### Removal:

**TECTYL 502-C** can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam. If dried and cured the film of **TECTYL 502-C** can also be removed with Tectyl Biocleaner.

When applied in a gearbox or similar application, Tectyl 502-C does not need to be removed and will dissolve in the oil.

### Features & Benefits

#### Superior Protection

At the recommended DFT Tectyl 502-C will protect against corrosion during storage, domestic and overseas transport.

#### Processing

Tectyl 502-C is easy to apply and easy to remove, when no longer needed.

#### Economical

With a DFT of only 25 microns, Tectyl 502-C can protect a big surface with just little amount of the product.

### 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)

### Typical properties

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

Tectyl 502-C	
Flashpoint; PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,88
Recommended Dry Film Thickness over metal profile [microns]	25
Theoretical coverage @ recommended DFT [m <sup>2</sup> /ltr]	22,2
Non Volatile [weight %]	61
Viscosity; DIN (53211) Cup No. 4 @ 20°C (at time of manufacture) [sec]	16
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	317

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

### Health & Safety

This product is not likely to present any significant health or safety hazards when properly used in the recommended application and good standards of personal hygiene are maintained. Reference is made to the Safety Data Sheet (SDS) which is available on request via your local sales office or via the internet

<http://sds.valvoline.com>

### Protect the environment

Comply with local regulations. Comply with local regulations. Do not discharge into drains, soil or water.

### Storage

Tectyl 502-C should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 502-C can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 502-C is best before 36 months after production date.

### 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. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces – TE012/01

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