

Valvoline Performance Products – Tectyl

Version: TE033/01

Tectyl[™] 506-G

Premium solvent based corrosion preventive compound.

TECTYL 506-G is solvent cutback, wax base, thixotropic, dark amber, gelled corrosion preventive compound.

TECTYL 506-G is recommended for the long term protection of ferrous and non-ferrous metals, as an underbody coating of autos, trucks, trailers, etc.

TECTYL 506-G cures to a relatively firm, dark amber, resilient, tough film.

TECTYL 506-G is the Gelled version of Tectyl 506.

Approvals/Performance levels

Tectyl 506-G

Accelerated Corrosion tests:

@ Average recommended DFT

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

40+ days

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

100+ days

Estimated Protection Period

Indoor: 42 months

Outdoor: 27 months

Applications

Surface preparation:

The maximum performance of **TECTYL 506-G** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale and a substrate temperature of 10-35 °C at the time of product application.

Application:

TECTYL 506-G is formulated to be used as supplied. **DO NOT THIN TECTYL 506-G.** Tectyl 506-G can be applied by airless spray or brush.

Removal:

TECTYL 506-G 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 506-G** can also be removed with Tectyl Biocleaner.

Features & Benefits

Superior Protection

At the recommended DFT Tectyl 506-G will protect against corrosion during storage, domestic and overseas transport.

Inside and outside protection

Tectyl 506-G can protect parts stored outside as well, due to its excellent UV protection.

Processing

Tectyl 506-G is easy to apply and easy to remove, when no longer needed.

Tectyl[™]
PROTECTIVE PRODUCTS

PRODUCT INFORMATION



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

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 506-G	
Flashpoint; PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,89
Recommended Dry Film Thickness over metal profile [microns]	200
Theoretical coverage @ recommended DFT [m²/ltr]	2,5
Non Volatile [weight %]	57
Viscosity; Brookfield @ 25°C (at time of manufacture)	
@ 2 RPM mPa.s [cP]	40.000
@ 20 RPM mPa.s [cP]	7.000
Dry to touch time @ 20°C [hours]	4
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	396

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

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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 506-G should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 506-G can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 506-G is best before 24 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 –

Tectyl
PROTECTIVE PRODUCTS