Tectyl™

Product information

Valvoline Performance Products – Tectyl

Version: **TE034/01**

Tectyl™ 506-WD

Premium solvent based corrosion preventive compound.

TECTYL 506-WD is solvent cutback, wax base, thixotropic, dark amber, water displacing corrosion preventive compound.
TECTYL 506-WD is recommended for the long term protection of ferrous and non-ferrous metals, as an underbody coating of autos, trucks, trailers, etc.
TECTYL 506-WD cures to a relatively firm, dark amber, resilient, tough film.
TECTYL 506-WD is the Water Displacing version of Tectyl 506.

Approvals/Performance levels

Tectyl 506-WD
Accelerated Corrosion tests: @ Average recommended DFT Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) **25+ days** Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) **100+ days**
Estimated Protection Period Indoor: 24 months Outdoor: 12 months

Applications

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 and a substrate temperature of 10-35 °C at the time of product application.

Application:
TECTYL 506-WD is formulated to be used as supplied. Due to its composition **TECTYL 506-WD** can be subject to postproduction viscosity changes and/or wax sedimentation. Always ensure homogeneous consistency by agitation before use. If the product thickens due to cold storage or loss of solvent during use, thinning with Valvoline 150 is possible to get the desired consistency. Incorrect thinning will affect film build, dry time and potentially product performance. Tectyl 506-WD can be applied by low pressure air 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. If dried and cured the film of **TECTYL 506-WD** can also be removed with Tectyl Biocleaner.

Features & Benefits

Superior Protection
At the recommended DFT Tectyl 506-WD will protect against corrosion during storage, domestic and overseas transport.
Inside and outside protection
Tectyl 506-WD can protect parts stored outside as well, due to its excellent UV protection.
Processing
Tectyl 506-WD is easy to apply and easy to remove, when no longer needed.
Economical
With a DFT of only 50 microns, Tectyl 506-WD can protect a big surface with just little amount of the product.

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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**

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-WD	
Flashpoint; PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,87
Recommended Dry Film Thickness over metal profile [microns]	> 50
Theoretical coverage @ recommended DFT [m²/ltr]	9,6
Non Volatile [weight %]	54
Dry to touch time @ 20°C [hours]	1
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	403

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 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 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.

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