

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

Application

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 and Benefits

Superior Protection

At the recommended dry layer thickness 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 Dry Film Thickness of only 50 microns, Tectyl 506-WD can protect a big surface with just a little product.

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 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 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.

Tectyl 506-WD	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,87
Recommended Dry Film Thickness over metal profile [microns]	50
Theoretical coverage @ recommended DFT [m ² /ltr]	9,6
Non Volatile [weight %]	54
Dry to touch time @ 20°C [hours]	1
Cure time @ 20°C [hours]	24
Volatile Organic Content ISO 11890-2 (10.4) [g/ltr]	403

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

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

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.

Author:

RdB, August 2015

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