Tectyl™

Product information

Valvoline Performance Products – Tectyl

Version: **TE035/01**

Tectyl™ 511-M

Premium solvent based corrosion preventive compound.

TECTYL 511-M is a solvent cutback, water displacing, oil based corrosion preventive compound.
TECTYL 511-M meets the performance requirements of Military Specification MIL-C-16173 D, Grade 5.
TECTYL 511-M is designed to protect ferrous and non-ferrous industrial parts and transportation components during covered shipment and inside storage.
TECTYL 511-M cures to a light amber colored, transparent oily film.

Approvals/Performance levels

Tectyl 511-M
Accelerated Corrosion tests: @ Average recommended DFT Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) **20+ days** Humidity; 100 % RH; @ 50°C; ASTM D-1748 (2x4x1/8" Polished Steel Panels) **40+ days**
Estimated Protection Period Indoor: 18 months

Applications

Surface preparation:
The maximum performance of **TECTYL 511-M** 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 511-M is formulated to be used as supplied. DO NOT THIN **TECTYL 511-M**. Tectyl 511-M can be applied by low pressure air spray or dipping.

Removal:
TECTYL 511-M 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 511-M** can also be removed with Tectyl Biocleaner.

Features & Benefits

Superior Protection
At the recommended DFT Tectyl 511-M will protect against corrosion during storage and domestic transport.

Processing
Tectyl 511-M is easy to apply and easy to remove, when no longer needed.

Economical
With a DFT of only 7,5 microns, Tectyl 511-M can protect a big surface with just a 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 511-M	
Flashpoint; PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,85
Recommended Dry Film Thickness over metal profile [microns]	7,5
Theoretical coverage @ recommended DFT [m²/ltr]	52,4
Non Volatile [weight %]	45
Viscosity; DIN (53211) Cup No. 2 @ 20°C (at time of manufacture) [sec]	45
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	438

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 511-M should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 511-M can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 511-M 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 – TE035/01

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