

Valvoline Performance Products – Tectyl

Version: TE035/03

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 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)

At least 20 days

Humidity; 100 % RH; @ 50°C; ASTM D-1748
(2x4x1/8" Polished Steel Panels)

At least 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. Valvoline recommends 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**. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. **Tectyl 511-M** can be applied by low pressure air spray or dipping. Details on application can be found in the application chart.

Removal

Tectyl 511-M can in the wet phase be removed with Tectyl Biocleaner, Valvoline 150 or low-pressure steam. If dried and cured the film of **Tectyl 511-M** can also be removed with Tectyl Biocleaner or Valvoline 150.

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.

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.tectyleurope.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. Do not discharge into drains, soil or water.

Storage

Tectyl 511-M should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 511-M. 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 Performance level section. If a primer, other than a Valvoline recommended product is required, written authorization must be obtained from Valvoline.

Replaces – TE035/02

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