

Valvoline Performance Products – Tectyl

Version: TE042/01

Tectyl™ 846-K-19

Premium solvent based corrosion preventive compound.

TECTYL 846-K-19 is a solvent cutback, wax base, general purpose, corrosion preventive compound suitable for the widest range of application requirements for vehicle rustproofing, protection of machinery and parts in storage.

TECTYL 846-K-19 protects parts in indoor and outdoor storage as well as domestic and international shipments.

TECTYL 846-K-19 cures to a dark amber colored, waxy, translucent, firm film.

Approvals/Performance levels

<p>Tectyl 846-K-19</p> <p>Accelerated Corrosion tests: @ Average recommended DFT</p> <p>Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) 40+ days</p> <p>Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) 100+ days</p>
<p>Estimated Protection Period</p> <p>Indoor: 51 months Outdoor: 24 months</p>
<p>Tectyl 846-K19 is approved under the German military specification: TL 8030-0015 Qualification QB Nr. B-0160, BW Code CY6010.</p>

Application

Surface Preparation:

The maximum performance of **TECTYL 846-K-19** 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 846-K-19 is formulated to be used as supplied. Due to its composition **TECTYL 846-K-19** 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 846-K-19 can be applied by airless spray, low pressure air spray or brush.

Removal:

TECTYL 846-K-19 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 846-K-19** can also be removed with Tectyl Biocleaner.

Features and Benefits

Superior Protection

At the recommended dry layer thickness Tectyl 846-K-19 will protect against corrosion during storage, domestic and overseas transport.

Processing

Tectyl 846-K-19 is easy to apply and easy to remove, when no longer needed.

Economical

With a Dry Film Thickness of only 50 microns, Tectyl 846-K-19 can protect a large surface with just a little product.



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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 846-K-19 should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 846-K-19 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 846-K-19 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 846-K-19	
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]	9,4
Non Volatile [weight %]	53
Dry to touch time @ 20°C [hours]	2
Cure time @ 20°C [hours]	24
Volatile Organic Content ISO 11890-2 (10.4) [g/ltr]	406

**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, September 2015
Replaces: August 2006

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