

### Valvoline Performance Products – Tectyl

Version: TE042/03

## Tectyl™ 846-K-19

### **Premium solvent based corrosion preventive compound**

Tectyl 846-K-19 is a solvent cutback, wax based, general purpose, corrosion preventive compound.

Tectyl 846-K-19 is excellent for long term protection of metallic surfaces against corrosion in indoor and outdoor exposure during domestic and international shipments.

Tectyl 846-K-19 is recommended for protection of general machinery, machine rolls/tools, automatic parts, dies, tubing, and spare parts.

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

#### Performance levels

##### Tectyl 846-K-19

##### **Accelerated Corrosion tests:** @ Average recommended DFT

Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS  
(Q-Panels, Type R, ASTM A1008)

**At least 40 days**

Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH  
(Q-Panels, Type R, ASTM A1008)

**At least 100 days**

##### **Estimated Protection Period**

Indoor: 51 months  
Outdoor: 24 months

#### Applications

##### **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. Valvoline recommends 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. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. Tectyl 846-K-19 can be applied by airless spray, low pressure air spray or brush. Details on application can be found in the application chart. Due to its composition Tectyl 846-K-19 can be subject to postproduction viscosity changes and/or wax sedimentation. 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 product performance.

##### **Removal**

Tectyl 846-K-19 and spray equipment can in the wet phase be removed with Tectyl Biocleaner or Valvoline 150 or low-pressure steam. If dried and cured the film of Tectyl 846-K-19 can also be removed with Tectyl Biocleaner or Valvoline 150.

#### Features & Benefits

##### **Superior Protection**

At the recommended DFT, 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 DFT of only 50 microns, Tectyl 846-K-19 can protect a large 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](http://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.

<b>Tectyl 846-K-19</b>	
<b>Flashpoint; PMCC [°C]</b>	40
<b>Density @ 20°C [kg/ltr]</b>	0,87
<b>Recommended Dry Film Thickness over metal profile [microns]</b>	> 50
<b>Theoretical coverage @ recommended DFT [m<sup>2</sup>/ltr]</b>	9,4
<b>Non Volatile [weight %]</b>	53
<b>Dry to touch time @ 20°C [hours]</b>	2
<b>Cure time @ 20°C [hours]</b>	24
<b>Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]</b>	406

**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 846-K-19 should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 846-K-19. 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 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 – TE042/02a

™ Trademark of Valvoline, registered in various countries © 2022

All statements, information and data presented herein are believed to be accurate and reliable, but are not to be taken as a guarantee, an express warranty, or an implied warranty of merchantability or fitness for a particular purpose, or representation, express or implied, for which Ellis Enterprises B.V. and its affiliates assume legal responsibility.