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 which meets the performance requirements of Military Specification MIL-PRF-16173D, Grade 4, Class 1. 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.

Approvals / Performance Levels

Tectyl™ 846-K-19	
Recommended Dry Film Thickness over metal profile	50 µm
Salt Spray Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008)	min. 40 days
Humidity Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008)	min. 100 days
MIL-PRF-16173E Grade / class	4/1
Protection Indoor (min. months)	min. 51
Protection Outdoor (min. months)	min. 24

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. CorPro 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. CorPro recommends that the ambient and product temperature be 10-35 °C at the time of product application. 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 max. 1-2% Tectyl 150 is possible to get the desired consistency. Incorrect thinning will affect film build, dry time and product performance. 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.

Features & Benefits

Superior Protection

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

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.

Processing

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

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.

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.

Protect the environment

Comply with local regulations. Do not discharge into drains, soil or water.

CORPRO

CorPro GmbH
Frankfurter Str. 63–69
65760 Eschborn
Germany

+49 (0)6173 9373-0
+49 (0)6173 9373-30
info@corpro.gmbh
corpro.gmbh

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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	40°C PMCC
Density @ 20°C	0.87 kg/ltr
Theoretical Coverage @ Recommended dry film thickness	9.4 sqm/ltr
Non Volatile Weight	53%
Dry to Touch @ 20°C	2 hours
Cure Time @ 20°C	24 hours
Storage Temperature	10 - 35°C
Application Temperature	10 – 35°C
VOC Content ISO 11890–2 (10.4)	406 g/ltr

https://tectyleurope.com

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 CorPro recommended product is required, written authorization must be obtained from CorPro.

State of the information

April 28, 2026

Validity

This information only applies to products manufactured in the following regions: Europe

CORPRO

CorPro GmbH
Frankfurter Str. 63–69
65760 Eschborn
Germany

+49 (0)6173 9373-0
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info@corpro.gmbh
corpro.gmbh

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