

PRODUCT INFORMATION



Valvoline Performance Products – Tectyl

Version: TE065/01

Tectyl™ 891D, Class 1

Premium solvent based corrosion preventive compound.

TECTYL 891D, Class 1 is a solvent cutback, firm film, black asphaltic corrosion preventive compound.

TECTYL 891D, Class 1 provides long-term protection for metallic surfaces in indoor or outdoor exposure and during international shipments.

TECTYL 891D, Class 1 is approved under Military Specifications MIL-PRF-16173E, Grade 1, for Class I, and MIL-P-116J, Type P-1.

Approvals/Performance levels

Tectyl 891D, Class 1

Accelerated Corrosion tests:

@ Average recommended DFT

Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS
(2x4x1/8 in. Polished Steel Panels)

36+ days

Humidity; 100 % RH @ 40°C; ISO 6270-2 CH
(2x4x1/8 in. Polished Steel Panels)

40+ days

Estimated Protection Period:

Indoor: 60 months

Outdoor: 24 months

Resistance to Flow per MIL-16173E: Pass

Weathering @ recommended DFT

(Federal standard 141, Method 6151): **50 days**

Applications

Surface preparation:

The maximum performance of **TECTYL 891D, Class 1** 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 891D, Class 1 is formulated to be used as supplied. DO NOT THIN **TECTYL 891D, Class 1**. Tectyl 891D, Class 1 can be applied by low pressure air spray or dipping.

Removal:

TECTYL 891D, Class 1 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 891D, Class 1** can also be removed with Tectyl Biocleaner.

Features & Benefits

Superior Protection

At the recommended DFT Tectyl 891D, Class 1 will protect against corrosion during storage, domestic and overseas transport.

Inside and outside protection

Tectyl 891D, Class 1 can protect parts stored outside as well, due to its excellent UV protection.

Processing

Tectyl 891D, Class 1 is easy to apply and easy to remove, when no longer needed.

Economical

With a DFT of only 60 microns, Tectyl 891D, Class 1 can protect a big surface with just a little amount of the product.

Tectyl™
PROTECTIVE PRODUCTS

PRODUCT INFORMATION



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 891D, Class 1	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,88
Recommended Dry Film Thickness over metal profile [microns]	60
Theoretical coverage @ recommended DFT [m²/ltr]	9,2
Non Volatile [weight %]	60
Dry to touch time @ 20°C [hours]	2
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	446

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 891D, Class 1 should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Tectyl 891D, Class 1 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 891D, Class 1 is best before 24 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.

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