

PRODUCT INFORMATION



Valvoline Performance Products – Tectyl

Version: TE112/02a

Valvoline 892-D

Premium solvent based corrosion preventive compound

Valvoline 892-D is a solvent cutback, firm film, matt black extreme corrosion preventive compound.

Valvoline 892-D provides long-term protection for metallic surfaces in indoor or outdoor exposure and during international shipments.

Valvoline 892-D meets Military Specifications MIL-PRF-16173E, Grade 1, Class I, for zinc, aluminum and steel.

Approvals/Performance levels

Valvoline 892-D

Accelerated Corrosion tests
@ Average recommended DFT

Accelerated corrosion test
Salt Spray; 5% NaCl @ 35°C; ISO 9227 NSS
(Q-Panels, Type R, ASTM A1008)
At least 100 days
Salt Spray; 5% NaCl @ 35°C; ASTM G85 Annex 2
(AA7075-T6 with single linear scribe)
At least 42 days

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

Estimated Protection Period:
Indoor: 60 months
Outdoor: 48 months

Weathering resistance:
500 hours Pass [ISO 4892-3]

Applications

Surface preparation

The maximum performance of **Valvoline 892-D** 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

Valvoline 892-D is formulated to be used as supplied. Do not thin **Valvoline 892-D**. Valvoline 892-D can be applied by low pressure air spray or dipping.

Removal

Valvoline 892-D can be removed in the wet phase with Tectyl Biocleaner, Valvoline 150, hot alkaline wash or low-pressure steam. If dried and cured, the film of **Valvoline 892-D** can be removed with Tectyl Biocleaner or Valvoline 150.

Features & Benefits

Superior Protection

At the recommended DFT Valvoline 892-D will protect against corrosion during storage, domestic and overseas transport.

Inside and outside protection

Valvoline 892-D can protect parts stored outside due to its excellent UV protection.

Processing

Valvoline 892-D is easy to apply and easy to remove, when no longer needed.

Economical

With a DFT of only 60 microns, Valvoline 892-D can protect a big surface with just a little amount of the product.

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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.

Valvoline 892-D	
Flash Point, PMCC [°C]	40
Density @ 20°C [kg/ltr]	0,90
Recommended Dry Film Thickness over metal profile [microns]	60
Theoretical coverage @ recommended DFT [m²/ltr]	8,6
Non Volatile [weight %]	59
Dry to touch time* @ 20°C [hours]	<3
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	368

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

Valvoline 892-D should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition Valvoline 892-D can be subject to postproduction viscosity changes during storage. Under proper storage conditions Valvoline 892-D 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 (SDS) 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 – TE112/02

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VALVOLINE EUROPE
WIELDRECHTSEWEG 39
3316 BG DORDRECHT
NETHERLANDS