Valvoline Performance Products – Tectyl

Version: **TE046/02**

Tectyl™ 1079

Premium general purpose, corrosion preventive compound

Tectyl 1079 is a light colored, solvent cutback, wax based, paint preservative compound.
Tectyl 1079 protects painted surfaces against atmospheric and environmental influences during transportation and storage.
Tectyl 1079 cures to a light colored, translucent, firm film.

Performance levels

Tectyl 1079
Accelerated Corrosion tests: @ Average recommended DFT **Accelerated Corrosion tests:** Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) **At least 2 days** Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) **At least 15 days**
Estimated Protection Period Indoor: 12 months Outdoor: 6 months

Applications

Surface Preparation
The maximum performance of **Tectyl 1079** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Before application of the **Tectyl 1079** the painted surfaces should be properly cured. It is recommended to test the painted surfaces, the rubbers and the synthetic parts if they are solvent resistant before application of the **Tectyl 1079**.

Application
Tectyl 1079 is formulated to be used as supplied. It is recommended that the ambient and product temperature be 10-35 °C at the time of product application. **Tectyl 1079** can be applied by airless or low-pressure air spray. Details on application can be found in the application chart.

Removal
Tectyl 1079 can in the wet phase be removed with Tectyl Biocleaner, Valvoline 150 or low-pressure steam. If dried and cured the film of **Tectyl 1079** can be removed with Valvoline 150. Attention: If the applied surface is placed under direct sunlight, the material has to be removed within 3 months and re-applied otherwise removal will be difficult.

Features & Benefits

Superior Protection
At the recommended DFT Tectyl 1079 protects painted surfaces against corrosion.

Processing
Tectyl 1079 is an easy to apply product, which only needs a thin dry film thickness of 20 microns.

Multi-functional
Tectyl 1079 will protect your products in many different situations. During local transport, storage and overseas shipment.

Tectyl™

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.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.

Tectyl 1079	
Flash Point, PMCC [ºC]	28
Density @ 20°C [kg/ltr]	0,795
Recommended Dry Film Thickness over metal profile [microns]	20
Theoretical coverage @ recommended DFT [m²/ltr]	8,4
Non Volatile [weight %]	20
Viscosity @ 20°C [sec] DIN cup No 4 at time of manufacture	26
Cure time @ 20°C [hours]	1-2
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	755

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 1079 should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 1079. Mild agitation is recommended prior to use. Due to its composition Tectyl 1079 can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 1079 is best before 12 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 this coating is not possible. The addition of any product 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 – TE046/01