Version: **TE012/03**

Tectyl™ 502-C

Premium solvent based corrosion preventive compound

Tectyl 502-C is a solvent cutback, soft wax base, corrosion preventive compound.
Tectyl 502-C is designed to protect the insides of gearboxes, without removal after installation.
Tectyl 502-C is designed to protect parts in indoor and covered storage and shipment.
Tectyl 502-C is designed to protect ferrous and non-ferrous parts for indoor or covered storage and during shipment.
Tectyl 502-C cures to a dark amber, transparent, soft greasy film.

Approvals/Performance levels

Tectyl 502-C
Accelerated Corrosion tests: @ Average recommended DFT Salt Spray; 5 % NaCl @ 35°C; ISO 9227 NSS (Q-Panels, Type R, ASTM A1008) **At least 7 days** Humidity; 100 % RH; @ 40°C; ISO 6270-2 CH (Q-Panels, Type R, ASTM A1008) **At least 40 days**
Estimated Protection Period Indoor: 24 months Outdoor: 6 months

Applications

Surface preparation
The maximum performance of Tectyl 502-C cutbacks can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. CorPro recommends that the metal substrate temperature is 10-35 °C at the time of product application. Direct contact of Tectyl 502-C with PVC can cause compatibility problems. Please test prior to use.

Application
Tectyl 502-C is formulated to be used as supplied. Do not thin Tectyl 502-C. Tectyl 502-C can be applied by low pressure air spray or dipping. Details on application can be found in the application chart.

Removal
Tectyl 502-C can in the wet phase be removed with low-pressure steam. When applied in a gearbox or similar application, Tectyl 502-C does not need to be removed and will dissolve in the oil.

Features & Benefits

Superior Protection
At the recommended DFT Tectyl 502-C will protect against corrosion during storage, domestic and overseas transport.

Processing
Tectyl 502-C is easy to apply and easy to remove, when no longer needed.

Economical
With a DFT of only 25 microns, Tectyl 502-C can protect a big surface with just 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**

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 502-C	
Flashpoint; PMCC [°C]	40
Density @ 20°C [kg/ltr]	0.88
Recommended Dry Film Thickness over metal profile [microns]	25
Theoretical coverage @ recommended DFT [m²/ltr]	22.2
Non Volatile [weight %]	61
Viscosity; DIN (53211) Cup No. 4 @ 20°C (at time of manufacture) [sec]	16
Cure time @ 20°C [hours]	24
Volatile Organic Compound Content ISO 11890-2 (10.4) [g/ltr]	317

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.

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

Storage
Tectyl 502-C should be stored at temperatures between 10-35 °C. Do not freeze Tectyl 502-C. Mild agitation is recommended prior to use. Due to its composition Tectyl 502-C can be subject to postproduction viscosity changes during storage. Under proper storage conditions Tectyl 502-C 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.

Replaces – TE012/02