



Product Information



A PRODUCT OF THE VALVOLINE COMPANY A DIVISION OF ASHLAND INC.

TECTYL 502-C

Description

TECTYL 502 C is a solvent cutback, soft wax base, corrosion preventive compound.

TECTYL 502 C meets the performance requirements of Military Specification MIL-C-16173D, Grade 2. It 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.

Typical Properties

Flashpoint; PMCC	40	°C
Specific Gravity @ 60°F	0.88	kg/ltr
Recommended Dry Film Thickness	25	microns
Theoretical Coverage @ Avg. Recommended DFT	22.2	m ² /l
Non Volatile	61	weight %
Viscosity; DIN (53 211) Cup No. 4 @ 20°C (at time of manufacture)	16	seconds
Cure Time @ 25°C	± 24	hours
Volatile Organic Content (VOC) (ASTM D-3960)	341	g/l

Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117) (DIN 1623 Steel Panels)	7+	days
Humidity; 100 % RH; @ 40°C; DIN 50 017-KK (DIN 1623 Steel Panels)	40+	days

This information only applies to products manufactured in the following location(s): Europe

Effective Date:
12-Jun-06

Replaces:
14-09-1999

Author's Initials: JAvM
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Surface Preparation:

The maximum performance of **TECTYL 502 C** can be achieved only when the metal surfaces to be protected are clean, dry and free of rust, oil and mill scale. Valvoline recommends that the metal substrate temperature be 10-35 °C at the time of product application.

Application:

TECTYL 502 C is formulated to be used as supplied. Ensure uniform consistency prior to use. Continued stirring is generally not required. If the product thickens due to cold storage or loss of solvent during use, contact Valvoline. **DO NOT THIN TECTYL 502 C**. Incorrect thinning will affect film build, dry time and product performance. Valvoline recommends that the ambient and product temperature be 10-35 °C at the time of product application. **TECTYL 502 C** can be applied by airless spray or dipping.

Removal:

TECTYL 502 C can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

Storage:

TECTYL 502 C should be stored at temperatures between 10-35 °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** can have a shelf life of 3 years minimum.

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 Valvoline's Material 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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