



Product Information



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

TECTYL 190 BLACK

Description

TECTYL 190 BLACK is a black colored, solvent cutback, rubber/resin based corrosion preventive compound.

TECTYL 190 BLACK is fast drying, has sound deadening properties and can be painted over.

TECTYL 190 BLACK is recommended for the protection against corrosion and abrasive damage of ferrous metals and the underbodies of autos, trucks, trailers, etc.

TECTYL 190 BLACK cures to a black, firm, resilient, tough film.

Typical Properties

Flashpoint; PMCC	< 0	°C
Specific Gravity @ 60°F	1.08	kg/ltr
Recommended Dry Film Thickness	250	microns
Theoretical Coverage @ Avg. Recommended DFT	1.4	m ² /l
Non Volatile	53	weight %
 <u>Viscosity: Brookfield (RVT) @ 20°C</u> (at time of manufacture)		
@ 100 RPM:	1300	mPa.s (cP)
Dry to Touch Time @ 25°C	± ½	hours
Cure Time @ 25°C	1 - 2	hours
Volatile Organic Content (VOC) (ASTM D-3960)	510	g/l
 <u>Gravel-o-Meter (Stone chip) Test SAE-J-400:</u>		
@ Avg. Recommended DFT	4A-4B	Rating (SAE-J-400)
 <u>Accelerated Corrosion Tests:</u>		
@ Avg. Recommended DFT		
Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117) (DIN 1623 Steel Panels)	240	hours

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

Effective Date:	Expiration Date:	Replaces:	Author's Initials:	Pages	Code:
09-12-1999	6/01/2002		JAvM	1/2	Tectyl 190 Black.DOC

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Surface Preparation:

The maximum performance of **TECTYL 190 BLACK** 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 10-30 °C at the time of product application.

Application:

TECTYL 190 BLACK 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 190 BLACK**. Incorrect thinning will affect film build, dry time and product performance. Valvoline recommends that the ambient and product temperature be 10-30 °C at the time of product application. **TECTYL 190 BLACK** can be applied by air suction guns or pressure can spray guns.

In case of painting over, the film must be totally dry. When using 2-component paints, first spray a thin layer of primer and after a sufficient drying time the 2-component paint.

DO NOT FREEZE TECTYL 190 BLACK.

Removal:

The cured **TECTYL 190 BLACK** is difficult to remove. Removal can only be done with high aromatic mineral spirits or any similar petroleum solvent.

Storage:

TECTYL 190 BLACK should be stored at temperatures between 10-30 °C. Mild agitation is recommended prior to use.

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.

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