

TECTYL 121-LV

Description

TECTYL 121 LV is a filled, solvent cutback wax/asphaltic base, thixotropic, corrosion preventive compound.

TECTYL 121 LV is suitable for the complete undercoating of undersides of autos, trucks, buses, truck trailers, camp trailers, heavy construction equipment and cargo containers.

TECTYL 121 LV is very suitable as a coating in industrial constructions of ovens and chimneys, where high temperatures and in between periods under the dew point can occur.

TECTYL 121 LV dries to a firm, black, resilient, tough and abrasion resistant film.

Typical Properties

Flashpoint; PMCC	40	°C
Specific Gravity @ 60°F	1.03	kg/ltr
Recommended Dry Film Thickness	250	microns minimum
Theoretical Coverage @ Avg. Recommended DFT	2.1	m ² /l
Non Volatile	65	weight %
Drop Melting Point (Non Volatile part)	> 200	°C

Viscosity: Brookfield @ 25°C

(at time of manufacture)

@ 2 RPM:	30.000	mPa.s (cP)
@ 20 RPM:	8.000	mPa.s (cP)

Dry to Touch Time @ 25°C	± 3	hours
Dry Time @ 25°C	±24	hours

Volatile Organic Content (VOC) (ASTM D-3960)	358	g/l
--	-----	-----

Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117) (DIN 1623 Steel Panels)	40	days
---	----	------

Humidity; 100 % RH; @ 40°C; DIN 50 017-KK (DIN 1623 Steel Panels)	100	days
--	-----	------

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

Effective Date:	Replaces:	Author's Initials:	Pages	Code:
23-Mar-06	12-Jan-06	JAvM	1/2	TECTYL 121 LV.DOC

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Ashland or others is not to be inferred from any statement contained herein.



Product Information



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

TECTYL 121-LV

Surface Preparation:

The maximum performance of **TECTYL 121 LV** 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.

Avoid direct contact of the product with PVC due to possible material incompatibility.

Application:

TECTYL 121 LV 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 121 LV**. 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 121 LV** can be applied by airless spray or brush.

Removal:

TECTYL 121 LV can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

Storage:

TECTYL 121 LV should be stored at temperatures between 10-35 °C. Mild agitation is recommended prior to use. Due to its composition **TECTYL 121 LV** can be subject to postproduction viscosity changes during storage.

Under proper storage conditions **TECTYL 121 LV** 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.

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

Effective Date:

23-Mar-06

Replaces:

12-Jan-06

Author's Initials:

JAvM

Pages

2/2

Code:

TECTYL 121 LV.DOC

The information contained herein is correct to the best of our knowledge. The recommendations or suggestions contained in this bulletin are made without guarantee or representation as to results. We suggest that you evaluate these recommendations and suggestions in your own laboratory prior to use. Our responsibility for claims arising from breach of warranty, negligence or otherwise is limited to the purchase price of the material. Freedom to use any patent owned by Ashland or others is not to be inferred from any statement contained herein.