

BODYSAFE (Part No. 20050)

Description

BODYSAFE -20050 is a solvent cutback wax/asphaltic base, thixotropic corrosion preventive compound.

BODYSAFE -20050 is suitable to be applied to the undersides of vehicles.

BODYSAFE -20050 cures to a relatively firm, black, resilient, tough film.

Typical Properties

Flashpoint; PMCC	40	°C
Specific Gravity @ 60°F	0.89	kg/ltr
Recommended Dry Film Thickness	200	microns minimum
Theoretical Coverage @ Avg. Recommended DFT	2.2	m ² /l
Dry to Touch Time @ 25°C	± 3	hours
Cure Time @ 25°C	±24	hours
Volatile Organic Content (VOC) (ASTM D-3960)	411	g/l

Accelerated Corrosion Tests:

@ Avg. Recommended DFT

Salt Spray; 5 % NaCl @ 35°C; DIN 50 021 (ASTM B-117) (DIN 1623 Steel Panels)	25+	days
Humidity; 100 % RH; @ 40°C; DIN 50 017-KK (DIN 1623 Steel Panels)	50+	days

BODYSAFE -20050 is available in a 1-litre vacuum spray can.

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

Effective Date:
Aug. 22, 07

Replaces:
20-Jun-01

Author's Initials:
JAvM

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Bodysafe 20050.doc

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Product Information



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

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Surface Preparation:

The maximum performance of **BODYSAFE -20050** 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:

BODYSAFE -20050 is formulated to be used as supplied. Ensure uniform consistency prior to use. If the product thickens due to cold storage or loss of solvent during use, contact Valvoline. **DO NOT THIN**

BODYSAFE -20050. 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.

BODYSAFE -20050 is designed for spraying with an air suction gun.

Do not apply **BODYSAFE -20040** on mechanical parts or on catalytic converters.

Removal:

BODYSAFE -20050 can be removed with mineral spirits or any similar petroleum solvent, hot alkaline wash or low pressure steam.

Storage:

BODYSAFE -20050 should be stored at temperatures between 10-35 °C. Mild agitation by shaking the can is recommended prior to use. Close the can directly after use. Due to its composition **BODYSAFE -20050** can be subject to postproduction viscosity changes during storage.

Under proper storage conditions **BODYSAFE -20050** 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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