

Sovermol® 1055

general

Sovermol® 1055 is a non- reactive diluent used in the manufacturing of 1K and 2K polyurethane systems

- High renewable raw material content
- UV-stable performance
- VOC free acc. to 2004/42/EU
- Plasticizer for PUR and Epoxy systems

chemical nature

Epoxy group containing ester

Properties

physical form

Light yellow, low viscosity fluid

shelf life

When stored under the usual appropriate storage conditions, the product can be stored for at least 1 year.

typical properties (no supply specification)

Water content (ISO 4317)	< 0.2%
Acid number (ISO 660)	< 1.0 mg KOH/g
Iodine number (ISO 3961)	< 10 g I/100 g
Viscosity (dynamic) (20 °C) (DIN 53015)	0 – 20 mPa·s
Density (20 °C) (DIN 16945-89)	0,910 - 0,935 g/cm ³
Saponification value (ISO 3657)	180 – 190 mgKOH/g
Epoxide oxygen QC1038.0	4.5 – 5%

Application

In combination with base polyols (e.g. Sovermol® 750), the UV stable Sovermol® 1055 can be used as non- reactive diluent, plasticizer and hydrophobing agent in PU systems. It is compatible with liquid epoxy resins and therefore can be used as reactive diluent.

Registration / Regulatory Information

Regulatory Status

EU (Europe)	<input checked="" type="radio"/>	
ENCS (Japan)	<input type="radio"/>	
TSCA (USA)	<input checked="" type="radio"/>	
IECSC (China)	<input checked="" type="radio"/>	
DSL (Canada)	<input type="radio"/>	
PICCS (Philippines)	<input type="radio"/>	
AICS (Australia)	<input type="radio"/>	
NZIoC (New Zealand)	<input type="radio"/>	
	<input checked="" type="radio"/>	Yes
	<input type="radio"/>	No

Safety

When handling these products, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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