Technical Data Sheet

Sovermol® 1058

We create chemistry

general

Sovermol® 1058 is a non- reactive diluent used in the manufacturing of 1K and 2K polyurethane systems

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

chemical nature

Fatty acid ester

Properties

physical form

Yellow, low viscosity fluid

shelf life

When stored under the usual appropriate storage conditions, the product can be stored for at least 3 year.

typical properties (no supply specification)

Water content (ISO 4317)	<= 0.02%
Acid number (ISO 660)	<=0.5 mg KOH/g
Iodine number (ISO 3961)	100 – 120 g I/100 g
Viscosity (dynamic) (20 °C) (DIN 53015)	0 – 15 mPa·s
Density (20 °C) (DIN 16945-89)	0,870 - 0,890 g/cm^3
Saponification value (ISO 3657)	180 – 200 mgKOH/g

Application

In combination with base polyols (e.g. Sovermol® 805), Sovermol® 1058 can be used as non- reactive diluent in 2K PUR systems to decrease viscosity and improve processing properties. Compatibility and exude tendency have to be proved.

Based on the very low water content (=< 200 ppm) Sovermol® 1058 can also use in 1K moisture cured systems as diluent.

Technical Data

	Sovermol® 1058 in combination with Sovermol® 805 (10:90)
Mixing viscosity @ 25°C (mPa.s)	1220 (pure Sovermol 805 approx. 3400)

Registration / Regulatory Information

Regulatory Status

EU (Europe)	●
ENCS (Japan)	●
TSCA (USA)	●
IECSC (China)	●
DSL (Canada)	●
PICCS (Philippines)	●
AICS (Australia)	●
NZIoC (New Zealand)	●

● Yes
○ 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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