

# Sovermol® 805

## General

Sovermol® 805 is a polyol used in the manufacturing of polyurethanes.

## Key features & benefits

Universal polyol  
Shore D hardness ~ 70  
High renewable raw material content  
Excellent impact resistance  
Excellent chemical resistance

The product might be slightly cloudy - this does not affect the product properties in a negative way

## Chemical nature

Branched polyether/polyester

## Properties

### Appearance

Yellow to light brown, medium viscous polyol

### Typical characteristics

*(should not be interpreted as specifications)*

Water content	DGF C-III 13 A	< 0.2 %
Acid number	DGF C-V 2	< 3.0
Hydroxyl number	ISO 4326	160 – 185 mgKOH/g
Viscosity, dynamic, 25 °C	ISO 2555 (MOD.)	2.800 – 4.000 mPa.s
Density, 20 °C	DGF C-IV 2B (52)	0.98 – 1.02 g/cm³

## Application

In combination with Polymer MDI Sovermol® 805 can be used for the production of 2 pack coating and casting materials, crack bridging coatings, in floorings and for adhesives.

In addition, Sovermol® 805 shows particular water repellent, which results in less sensitivity to moisture while curing.

### Mixing formulation (without filler)

100 g Sovermol® 805  
5 g Zeolith Paste  
42 g Polymer MDI\*

\*e.g. Lupranate M 20 S – BASF Polyurethanes

For further detailed application information please contact our Technical Support Department.

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### Safety

When handling this product, 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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