



## Merginol 901

### PRODUCT INFORMATION

#### Product Description

Merginol 901 is a branched Polyester/-etherpolyol. It is free of aromatics.

#### Typical Parameters

<b>Hydroxyl Value</b> [mg KOH/g]	290 - 330	<b>Viscosity</b> at 25°C[mPa*s]	700 - 1 200
<b>Hydroxyl Content</b> [%] <sup>1)</sup>	8.8 - 10	<b>Average Functionality</b> calculated	3.0
<b>Average Acid Value</b> [mg KOH/g]	1.19	<b>Moisture Content</b> [%]	Max. 0.1
		<b>Biobased carbon content</b> <sup>2)</sup> [%]	80

<sup>1)</sup> Average OH equivalent [g] = 1700 / hydroxyl content [%]

<sup>2)</sup> Measure of the amount of biomass-derived carbon in a product compared to its total carbon content

#### Application and Properties

Merginol 901 is applicable in casting resins, 2-part coatings, sealants, primers and many other areas. To lower the viscosity and to improve the flow ability Merginol 901 can be used in polyurethane formulations with non-reactive diluents, e.g. Merginol 1100 (in amounts between two and ten percent). It is also possible to combine Merginol 901 with reactive polyols that increase flexibility like Merginol 903 or Merginol 207. In combination with aliphatic isocyanates it can be integrated into UV-stable coatings.

Merginol 901 is especially hydrophobic and chemically resistant when curing with isocyanates.

Sealed Merginol 901 is at least 12 months storable at 18 - 25°C. Below 15°C a partial crystallization is possible. Heating up to 40°C will dissolve the crystallization. Below 20°C clouding is possible which will disappear above this temperature.

#### Disclaimer

This information is believed to be correct. However, this should not be accepted as guarantee and no statement should be construed as a recommendation for any use which would violate any patent rights.