

DESCRIPTION

Silicone Polyester Hybrid Resin

KEY BENEFITS

- for formulations with very low VOC content (< 250 g/L)
- good pigment affinity
- good weather resistance

SUITABILITY

waterborne	solventborne
●	●
high solids	2-pack coatings
●	●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Car OEM coatings
- Transportation coatings
- Car repair coatings
- Protective coatings

TECHNICAL DATA

acid number (calculated on non-volatile content)	Approx <9 mg KOH/g
appearance	clear, high viscous liquid
content of hydroxylgroups (referred on solid binder)	Approx 6 %
delivery form	liquid
hydroxy value (calculated on non-volatile content)	Approx 200 mg KOH/g
non-volatile content	Approx. 90 %
solvent	butyl acetate
viscosity at 25 °C	Approx 7,000 mPas

SOLUBILITY

Water	Butylacetate
●	●
Methylisobutylketone (MIBK)	Xylene
●	●
Dowanol MPA	Cyclohexanone
●	●
Butanol	
●	

● not soluble ● partly soluble ● soluble

PROCESSING INSTRUCTIONS

- Curable with all common and other Polyisocyanates (e.g. VESTANAT® HT 2500 LV)
- Air- and oven-curing with the usual catalysts.
- The used solvents should have a water content < 0,05%.
- Application by spray (incl. electrostatic), dipping or brushing.

HANDLING & STORAGE

When stored in an original unopened packaging between -10 and +40 °C, the product has a shelf life of at least 12 months from the date of manufacture.

MSDS & REGULATORY INFORMATION

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com