

DESCRIPTION

Silicone Polyester Hybrid Resin

KEY BENEFITS

- for formulations with very low VOC content (< 250 g/L)
- excellent stone-chipping and impact resistance
- 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 9,000 mPas

SOLUBILITY

Water	Butylacetate
●	●
Methylisobutylketone (MIBK)	Xylene
●	●
Dowanol MPA	Cyclohexanon
●	●
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

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