

DESCRIPTION

Silicone Epoxy Hybrid Resin

KEY BENEFITS

- excellent adhesion, chemical and solvent resistance
- excellent corrosion resistance
- very good thermal shock resistance

SUITABILITY

waterborne	solventborne
●	●
● not suitable	● partly suitable
● partly suitable	● suitable

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Protective coatings
- Transportation coatings
- Heatstable Coatings

TECHNICAL DATA

appearance	clear to hazy colored liquid (product properties are not affected by haziness)
delivery form	liquid
non-volatile content	Approx. 53 %
solvent	xylene / isobutanol / methoxypropylacetate 1 : 1 : 15
viscosity at 25 °C	Approx. 1,000 mPas

SOLUBILITY

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

● not soluble ● partly soluble ● suitable

PROCESSING INSTRUCTIONS

- Because of the strong yellowing, only the formulation of dark colors is recommended.
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 450 °C.
- Application by spray (incl. electrostatic), dipping or brushing.

CURING CONDITIONS

250 °C / 30 min.

HANDLING & STORAGE

- When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.
- Contact with tin (e.g. with metal containers) will shorten the storage stability. Keep dry. Contact with moisture causes gelation.

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