

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 ● suitable

TYPICAL APPLICATIONS

- Protective coatings
- Heatstable Coatings
- exhaust systems, mufflers

TECHNICAL DATA

appearance	clear, yellow liquid
non-volatile content	Approx. 52 %
solvent	methoxypropylacetate
viscosity at 25 °C	Approx 1,000 mPas

SOLUBILITY

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

● not soluble ● partly soluble ● soluble

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.
- In combination with alcoxy-functional resins, we do not recommend the use of alcohols or hydroxy-functional glycol ethers as solvents.
- Application by spray (incl. electrostatic) and dipping.

CURING CONDITIONS

250 °C / 30 min.

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. However, contact with tin (e.g. with metal containers) will shorten storage stability. Keep dry. Contact with moisture causes gelation.

MSDS & REGULATORY INFORMATION

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