

DESCRIPTION

Reactive ambient-curing siloxane resin, pre-catalyzed with amines, for the use as hardener

KEY BENEFITS

- isocyanate-free curing at ambient temperature, for nearly all kind of silicone resins
- 100% active and low viscous liquid
- hardener suitable for all kinds of compatible silicone hybrid resins

SUITABILITY

solventborne	high solids
●	●
2-pack 100%	
●	
● not suitable ● partly suitable ● suitable	

TYPICAL APPLICATIONS

- Hardener for heat-stable coatings, curing at ambient temperature
- DTM in combination with SILIKOPHEN® AC 900 is recommended, with corrosion protection up to corrosion category C5 (acc. to DIN EN ISO 12944-2).
- Protective coatings

TECHNICAL DATA

active matter content Approx. 100 %

appearance clear to hazy colored liquid (product properties are not affected by haziness)

delivery form liquid

solvent -

viscosity at 25 °C Approx. 10 mPas

SOLUBILITY

Xylene

●

● not soluble ● partly soluble ● soluble

PROCESSING INSTRUCTIONS

- Addition to the coating as supplied.
- Keep in sealed original container and protect from moisture.

CURING CONDITIONS

- There is no stoichiometric relation. Please use a ladder study of 5/10/15 up to 30% referred on solid binder. Check possible side effects, e.g. flexibility, after evaluating the right amount of hardener.
- The resin cures at ambient temperatures (up to 40°C) in presence of humidity.
- Forced drying at maximum 35°C in ovens.
- Heat stability is given after full ambient curing.

HANDLING & STORAGE

When stored in an unopened packaging between – 10 and + 40°C, the product has a shelf life of at least 24 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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