SILIKOPON® EW

silicone epoxy resin

Special features
- excellent adhesion, chemical and solvent resistance
- good adhesion
- excellent corrosion resistance

Technical information

delivery form	liquid
appearance	yellowish, clear to slightly hazy liquid (Product properties are not affected by haziness.)
non-volatile content	approx. 53 %
solvent	xylene / isobutanol / methoxypropylacetate 1 : 1 : 15
viscosity at 25 °C	approx. 1000 mPa s
epoxy equivalent weight calculated on non-volatile content	approx. 1955 g

Suitability for

solventborne	pigmented
●	●
direct grind	**2-pack coatings**
●	◐

● = suitable ... ○ = not suitable

Application
- high-temperature anti-corrosion
- anti-corrosion coatings (depending on formulation)
- muffler coatings for vehicles, in particular motor bikes

Processing instructions
- Because of the strong yellowing, only the formulation of dark colors is recommended.
- Limited miscibility with aromatic hydrocarbons.
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.
- Application by spray (incl. electrostatic), dipping or brushing.

Dilution
Dilutable by esters, ketones and glycol ethers.

Baking conditions
250 °C/30 min

Registration status
SILIKOPON® EW respectively its ingredients are listed in the following chemical inventories: DSL, ECL, EINECS, PICCS, TSCA, TCSI.

All intentional ingredients are listed on the DSL (Domestic Substance List) inventory or have been notified pursuant to the NSN (New Substances Notification) regulations.

All intentional ingredients are listed on the TSCA inventory or comply with the TSCA Polymer Exemption criteria according 40 CFR 723.

Further information on regulatory topics can be found on the Regulatory Data Sheet.

All intentional ingredients are listed on the ECL inventory or comply with the Polymer Exemption criteria.

All intentional ingredients are listed on the PICCS inventory or comply with the Polymer Exemption criteria.

Packaging
steel drum with bung 200 kg

Storage stability
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.

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