

SILIKOPON® EF

silicone epoxy resin

Special features

- anti-graffiti effect
- extraordinary gloss retention and weather resistance
- suitable for ultra high solids coatings (< 100 g/l VOC)
- excellent corrosion resistance

Technical information

delivery form	liquid
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
non-volatile content	approx. 98 %
viscosity at 25 °C	approx. 1500 mPa s
epoxy equivalent weight calculated on non-volatile content	approx. 450 g

Suitability for

solventborne	2-pack 100 %
●	●
high solids	clear coat
●	●
pigmented	direct grind
●	●
2-pack coatings	
●	

● = suitable ... ○ = not suitable

Application

- anti-graffiti coatings
- concrete walls and floors
- roof tile coatings
- commercial transport coatings
- offshore/marine areas
- pipe lining coatings
- structural steel
- rail car and tank construction

Processing instructions

- All weather-stable pigments can be used.
- Aminosilanes are suitable hardeners, e.g. DYNASYLAN® AMEO or AMMO (Evonik Industries) or their combination.
- Limited miscibility with aromatic hydrocarbons.

Dilution

Dilutable by esters, ketones and glycol ethers.

Registration status

SILIKOPON® EF respectively its ingredients are listed in the following chemical inventories: AICS, ECL, EINECS, ENCS, NDSL, PICCS, TSCA, TCSI.

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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(Status: 11/2015)

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