

SILIKOFTAL® HTL

silicone polyester resin

Special features

- good gloss retention
- good adhesion
- low thermoplasticity
- without addition of organotin-containing compounds

Technical information

delivery form	liquid
appearance	yellowish, clear to slightly hazy liquid (Product properties are not affected by haziness.)
non-volatile content	approx. 60 %
solvent	cyclohexanone / xylene 1 : 1,5
viscosity at 25 °C	approx. 1200 mPa s

Suitability for

solventborne	clear coat
●	○
pigmented	direct grind
●	●
resin-based pigment concentrates	
●	

● = suitable ... ○ = not suitable

Application

- non-stick coatings in combination with PTFE
- decorative coatings of cookware, household appliances and electric and gas heaters with a permanent thermal stability of 220 °C

Processing instructions

- All heat-resistant pigments can be used due to the product's excellent pigment compatibility.
- Limited miscibility with aromatic hydrocarbons.
- Application by spray (incl. electrostatic), dipping or brushing.

Dilution

Dilutable by esters, ketones and glycol ethers.

Baking conditions

- 250 °C/30 min
- 270 °C/15 min.

Suitability for food contact

- Detailed information on the BfR status is available on request.
- SILIKOFTAL® HTL can be used in compliance with FDA Regulation 21 CFR 175.300.

Registration status

SILIKOFTAL® HTL respectively its ingredients are listed in the following chemical inventories: ECL, EINECS, IECSC, NDSL, PICCS, TSCA, NZIOC, 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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