

SILIKOFTAL® HTF

silicone polyester resin

Special features

- low thermoplasticity
- high elasticity
- good adhesion
- without addition of organotin-containing compounds

Technical information

delivery form	liquid
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
non-volatile content	approx. 58 %
solvent	methoxybutylacetate / methoxypropylacetate 1 : 1
viscosity at 25 °C	approx. 1500 mPa s

Suitability for

solventborne	clear coat
●	●
pigmented	direct grind
●	●

● = 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.

Registration status

SILIKOFTAL® HTF respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, ENCS, PICCS, TSCA.

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.

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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