

# SILIKOPHEN® P 50/X

methylphenyl polysiloxane resin

## Special features

- good compatibility with organic resins
- good air-drying

## Technical information

delivery form	liquid
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
non-volatile content	approx. 50 %
solvent	isobutanol / xylene 1 : 19
viscosity at 25 °C	approx. 30 mPa s

## Suitability for

solventborne	clear coat
●	○
pigmented	direct grind
●	●

● = suitable ... ○ = not suitable

## Application

- high temperature applications for mufflers, ovens, chimneys, oven inserts, barbecues and electric and gas heaters
- anti-corrosion coatings (depending on formulation)

## Processing instructions

- Limited miscibility with aromatic hydrocarbons.
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.

## Dilution

When diluting with aromatic solvents (toluene, xylene, Solvesso 100) it is recommended to add either isobutanol or a ketone to the aromatics at a ratio of 9:1.

## Baking conditions

- 250 °C/30 min
- Coatings will give temporary corrosion protection immediately after air-drying. The full protective properties do not develop until coated objects reach operating temperature. Handling and transport is possible without intermediate baking.

## Registration status

SILIKOPHEN® P 50/X respectively its ingredients are listed in the following chemical inventories: AICS, DSL, ECL, EINECS, ENCS, IECSC, PICCS, TSCA, NZIOC, 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.

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.  
(Status: 10/2016)