

# SILIKOPHEN® P 80/X

methylphenyl polysiloxane resin

## Special features

- excellent air-drying properties
- good compatibility with organic resins

## Technical information

delivery form	liquid
appearance	clear to slightly hazy liquid (product properties are not affected by haziness)
active matter content	approx. 80 %
solvent	isobutanol / xylene 1 : 3
viscosity at 25 °C	approx. 3000 mPa s

## Suitability for

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

● = 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 80/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.

## Packaging

steel drum with bung 200 kg

## Storage stability

When stored in an original unopened packaging between +4 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)