

DESCRIPTION

Non reactive methyl phenyl silicone resin

KEY BENEFITS

- air-drying properties
- excellent compatibility with organic resins
- easy to formulate

SUITABILITY**waterborne****solventborne****high solids**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Heat-stable coatings for industrial facilities
- Protective coatings
- Ovens, furnaces, pipelines, incinerators

TECHNICAL DATA

appearance clear to hazy colored liquid (product properties are not affected by haziness)

delivery form liquid

non-volatile content Approx. 80 %

solvent isobutanol / methoxypropylacetate 1 : 10

viscosity at 25 °C Approx. 3500 mPas

SOLUBILITY**Xylene****Dowanol MPA****Butylacetate****Cyclohexanone**

● not soluble ● partly soluble ● soluble

PROCESSING INSTRUCTIONS

- We recommend butylacetate as thinner.
- Surface pre-treatment: Degreasing and shot-blasting is recommended.
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.
- Formulated coatings exhibit corrosion protection after air-drying. Full protection develops when the objects are exposed to the operating conditions. Handling and transport are possible without intermediate baking.

CURING CONDITIONS

250 °C / 30 min.

HANDLING & STORAGE

- When stored in an original unopened packaging, the product has a shelf life of 24 months from the date of manufacture.
- Contact with tin (e.g. with metal containers) will shorten the storage stability. Keep dry. Contact with moisture causes gelation.

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.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com