

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 / xylene 1:3
viscosity at 25 °C	Approx. 3000 mPas

SOLUBILITY

Xylene



Dowanol MPA



Butylacetate



Cyclohexanone



Butanol



● not soluble ● partly soluble ● soluble

PROCESSING INSTRUCTIONS

- We recommend a mixture of xylene with polar solvents, such as isobutanol (e.g. i-butanol/xylene = 1:10).
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.
- Surface pre-treatment: Degreasing and shot-blasting is recommended.
- 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.

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