

DESCRIPTION

Non reactive methyl phenyl silicone resin

KEY BENEFITS

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

SUITABILITY

| waterborne | solventborne |
|---------------------------------------------|--------------|
| ● | ● |
| high solids | |
| ● | |
| ● not suitable ● partly suitable ● suitable | |

TYPICAL APPLICATIONS

- ovens, furnaces, pipelines, incinerators
- heat-stable coatings for industrial facilities
- Protective coatings

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

| | |
|------------------------------------------|---------------------|
| Water | Butylacetate |
| ● | ● |
| Methylisobutylketone (MIBK) | Xylene |
| ● | ● |
| Dowanol MPA | Cyclohexanon |
| ● | ● |
| Butanol | |
| ● | |
| ● not soluble ● partly soluble ● soluble | |

PROCESSING INSTRUCTIONS

- 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.
- 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.

BAKING CONDITION

250 °C / 30 min.

HANDLING & STORAGE

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.

MSDS & REGULATORY INFORMATION

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