Silicone resin
SILIKOPHEN® P40/W

DESCRIPTION
Non reactive methyl phenyl silicone resin emulsion

KEY BENEFITS
- good compatibility with organic polymer dispersions
- excellent air-drying properties
- water-reducible

SUITABILITY
- waterborne
- solventborne
- not suitable
- partly suitable
- suitable

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

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>appearance</td>
<td>white liquid</td>
</tr>
<tr>
<td>delivery form</td>
<td>emulsion</td>
</tr>
<tr>
<td>Ionic charge</td>
<td>non-ionic</td>
</tr>
<tr>
<td>non-volatile content</td>
<td>Approx. 50 %</td>
</tr>
<tr>
<td>solvent</td>
<td>xylene / isobutanol</td>
</tr>
<tr>
<td>water content</td>
<td>Approx 38 %</td>
</tr>
</tbody>
</table>

SOLUBILITY
- Water
- not soluble
- partly soluble
- soluble

PROCESSING INSTRUCTIONS
- Use with metallic pigments and special formulations to obtain continuous heat-resistance of up to 650 °C.
- Prior to use, mix briefly with low shear-forces.
- Surface pre-treatment: Degreasing and shot-blasting is recommended.

CURING CONDITIONS
- 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.

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