Silicone modified polyurethane dispersion
SILIKOPUR® 8081

DESCRIPTION
Air-drying waterborne silicone modified polyurethane dispersion

KEY BENEFITS
- extremely high flexible without tackiness
- Immediate hydrophobization
- very fast air-drying

SUITABILITY

- waterborne
  - not suitable
  - partly suitable
  - suitable

TYPICAL APPLICATIONS
- Plastic coatings
- Leather coatings
- Wood coatings

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>hazy liquid</td>
</tr>
<tr>
<td>Delivery form</td>
<td>dispersion</td>
</tr>
<tr>
<td>Non-volatile content</td>
<td>Approx. 33%</td>
</tr>
<tr>
<td>pH-value</td>
<td>7 - 8</td>
</tr>
<tr>
<td>Solvent</td>
<td>diproplyenglycoldimethylether / water 5 : 60</td>
</tr>
<tr>
<td>Viscosity at 25 °C</td>
<td>&lt;=200 mPas</td>
</tr>
</tbody>
</table>

SOLUBILITY

- Water
  - not soluble
  - partly soluble
  - soluble

PROCESSING INSTRUCTIONS
- Dilutable with water in nearly any ratio.
- SILIKOPUR® 8081 is usable as a sole binder. Due to it’s broad compatibility, it is also possible to combine it with any waterborne system.
- The emulsion should not be diluted with organic solvents as this can have a negative effect on stability.

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.

MSDS & REGULATORY INFORMATION

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