Defoamer/deaerator for waterborne formulations

**SURFYNOL® DF-58**

**DESCRIPTION**

SURFYNOL® DF 58 is an effective defoamer concentrate based on polyether siloxane technology. Excellent foam knockdown.

**KEY BENEFITS**

- highly suitable for fast foam knock-down
- in low addition levels, also suitable for low-viscosity formulations
- suitable in combination with defoamers or deaerators that suppress foam build

**APPLICATION RECOMMENDATION**

- Brush application/roller application
- Airless spraying
- Compressed air spraying
- Flexo/gravure printing
- Dip coating, flow coating, curtain coating
- Flooring

**SUITABILITY**

<table>
<thead>
<tr>
<th></th>
<th>waterborne</th>
<th>solventborne</th>
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</thead>
<tbody>
<tr>
<td>2-pack 100% radiation-curing</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>addition to the grinding stage</td>
<td>✔️</td>
<td>✔️</td>
</tr>
<tr>
<td>addition to the let-down stage</td>
<td>✔️</td>
<td>✔️</td>
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**TYPICAL APPLICATIONS**

- Wood coatings
- Architectural paints
- Pigment concentrates
- Printing Inks

**TECHNICAL DATA**

<table>
<thead>
<tr>
<th>Content</th>
<th>100 %</th>
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<tbody>
<tr>
<td>appearance</td>
<td>turbid, colorless to colored liquid</td>
</tr>
<tr>
<td>chemical description</td>
<td>polyether siloxane copolymer, contains hydrophobic particles</td>
</tr>
<tr>
<td>solvent</td>
<td>-</td>
</tr>
</tbody>
</table>

**SOLUBILITY**

- Water (partly soluble)
- Ethanol (soluble)
- TPGDA (not soluble)
- Acetone (partly soluble)
- Butylacetate (soluble)
- Mineral Spirits (not soluble)

**RECOMMENDED ADDITION LEVEL**

As supplied calculated on total formulation: 0.05 - 0.5 %

**PROCESSING INSTRUCTIONS**

Can be introduced in the grind and let-down stage.

**HANDLING & STORAGE**

Keep containers tightly closed in a dry, cool, and well-ventilated place.
To avoid ignition of vapors by static electricity discharge, all metal parts of the equipment must be grounded. Keep away from heat and sources of ignition. Keep away from oxidizers. Protect from freezing. Mix thoroughly before use.

**MSDS & REGULATORY INFORMATION**

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