**DESCRIPTION**

SURFYNOL® 104 H is a multifunctional surfactant providing combined dynamic wetting and molecular defoaming in waterborne coatings and inks.

**KEY BENEFITS**

- pigment and substrate wetting
- very good foam control
- reduced water sensitivity

**EFFECT**

<table>
<thead>
<tr>
<th>Substrate wetting</th>
<th>Anti-crater effect</th>
<th>Flow promotion</th>
<th>Defoaming</th>
<th>Reduction of static surface tension</th>
<th>Reduction of dynamic surface tension</th>
</tr>
</thead>
</table>

**SUITABILITY**

<table>
<thead>
<tr>
<th>waterborne</th>
<th>solventborne</th>
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<tbody>
<tr>
<td>✔️</td>
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<table>
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<tr>
<th>2-pack 100%</th>
<th>radiation-curing</th>
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<tbody>
<tr>
<td>✔️</td>
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<tr>
<th>pigmented coatings</th>
<th>clear coatings</th>
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<tbody>
<tr>
<td>✔️</td>
<td>✔️</td>
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</table>

**SOLUBILITY**

- Water: ✔️
- Ethanol: ✔️
- TPGDA: ✔️
- Acetone: ✔️
- Butylacetate: ✔️
- Mineral Spirits: ✔️

**TECHNICAL DATA**

- active matter content: 75%
- appearance: clear liquid
- chemical description: tetramethyldicycadiol, gemini surfactant
- solvent: ethylene glycol

**RECOMMENDED ADDITION LEVEL**

As supplied calculated on total formulation: 0.1 - 1.0%

**PROCESSING INSTRUCTIONS**

- Addition to the coating as supplied or as a predilution is possible.
- Can be introduced in the grind and Let-down stage.

**HANDLING & STORAGE**

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use. The shelf life for this product is 60 months from the date of manufacture.

**TYPICAL APPLICATIONS**

- Car OEM coatings
- General industrial coatings
- Printing Inks
- Architectural paints

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