**SURFYNOL® 104 A**

**DESCRIPTION**

SURFYNOL® 104 A 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**

- Substrate wetting
- Anti-crater effect
- Flow promotion
- Defoaming
- Reduction of static surface tension
- Reduction of dynamic surface tension

**SUITABILITY**

- waterborne
- solventborne
- 2-pack 100%
- radiation-curing
- pigmented coatings
- clear coatings

**TECHNICAL DATA**

- active matter content 50%
- appearance clear liquid
- chemical description tetramethyldecyndiol, gemini surfactant

**SOLUBILITY**

<table>
<thead>
<tr>
<th></th>
<th>Water</th>
<th>Ethanol</th>
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<td>TPGDA</td>
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<td>Butylacetate</td>
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<td>Mineral Spirits</td>
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- not soluble
- partly soluble
- soluble

**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.

**MSDS & REGULATORY INFORMATION**

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