**Substrate wetting additive**

**SURFYNOL® 104 BG 52**

**DESCRIPTION**

SURFYNOL® 104 BG 52 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

**TYPICAL APPLICATIONS**

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

**TECHNICAL DATA**

- active matter content: 52%
- appearance: clear liquid
- chemical description: tetramethyldecynediol, gemini surfactant

**SOLUBILITY**

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<thead>
<tr>
<th></th>
<th>Water</th>
<th>Ethanol</th>
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<tr>
<th></th>
<th>TPGDA</th>
<th>Acetone</th>
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<thead>
<tr>
<th></th>
<th>Butylacetate</th>
<th>Mineral Spirits</th>
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<table>
<thead>
<tr>
<th></th>
<th>not soluble</th>
<th>partly soluble</th>
<th>soluble</th>
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**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.

**MSDS & REGULATORY INFORMATION**