SURFYNOL® 104 Z

**DESCRIPTION**
SURFYNOL® 104 Z 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**
- Transportation coatings
- Wood coatings
- General industrial coatings
- Printing inks
- Architectural paints

**TECHNICAL DATA**
- active matter content: 50 %
- appearance: clear liquid
- chemical description: tetramethyldicyclediol, gemini surfactant

**SOLUBILITY**
- Water: soluble
- Ethanol: partly soluble
- TPGDA: partly soluble
- Acetone: partly soluble
- Butylacetate: partly soluble
- Mineral Spirits: partly 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 36 months from the date of manufacture.

**MSDS & REGULATORY INFORMATION**

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