

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**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Transportation coatings
- Wood coatings
- General industrial coatings
- Printing Inks
- Architectural paints

TECHNICAL DATA

active matter content 50 %

appearance clear liquid

chemical description tetramethyldecynediol, gemini surfactant

SOLUBILITY**Water****Ethanol****TPGDA****Acetone****Butylacetate****Mineral Spirits**

● 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.
- When stored in an original unopened packaging, the product has a shelf life of 36 months from the date of manufacture.

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