

SURFYNOL® 104 DPM

DESCRIPTION

SURFYNOL® 104 DPM 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

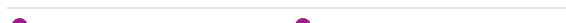


Reduction of dynamic surface tension

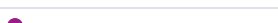


SUITABILITY

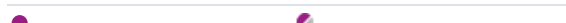
waterborne



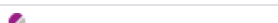
solventborne



2-pack 100%



radiation-curing



pigmented coatings



clear coatings



● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Car OEM 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. The shelf life for this product is 60 months from the date of manufacture.

MSDS & REGULATORY INFORMATION



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