

Substrate wetting additive

SURFYNOL® 104

DESCRIPTION

SURFYNOL® 104 is a multi-functional surfactant that combines dynamic wetting and molecular defoaming in waterborne coatings and inks. SURFYNOL® 104 is available in liquid form in different solvent cuts.

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	100 %
appearance	waxy solid
chemical description	tetramethyldecynediol, gemini surfactant
solvent	-

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

- When stored in an original unopened packaging, the product has a shelf life of 60 months from the date of manufacture.
- Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable. Container should be heated to 60-70°C to completely melt product; mix thoroughly before use.

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