Substrate wetting additive

SURFYNOL® 104 E

DESCRIPTION

SURFYNOL® 104 E 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
solvent	ethylene glycol

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.

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