Substrate wetting additive

SURFYNOL® 2502

DESCRIPTION

SURFYNOL® 2502 is a dynamic wetting agent that provides good foam control and improved water solubility. It is suitable for waterborne coatings and inks.

KEY BENEFITS

- foam-free dynamic wetting with improved stability
- no negative effect on water resistance
- improved printability

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

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

TECHNICAL DATA

active matter content	100 %
appearance	clear colored liquid
chemical description	acetylenic alkoxylate based 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.

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