Substrate wetting additive

SURFYNOL® SE-F

DESCRIPTION

SURFYNOL® SEF is a self-emulsified surfactant that combines excellent wetting properties with good foam control and ease of incorporation in waterborne coatings and inks.

KEY BENEFITS

- combined dynamic wetting with good foam control
- ease of incorporation, can be post-added with limited agitation directly at the press
- suitable for food contact compliant formulations

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
- Wood coatings
- Printing Inks
- Can coatings

TECHNICAL DATA

active matter content	80 %
appearance	clear colored liquid
chemical description	self-emulsifiable acetylenic diol formulated surfactant
solvent	water and propylene 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 - 2.0 %

PROCESSING INSTRUCTIONS

Addition to the coating as supplied or as a predilution is possible.

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; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

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