Substrate wetting additive

SURFYNOL® 355

DESCRIPTION

SURFYNOL® 355 is a substrate wetting agent with global food contact compliances. It is suitable for waterborne coatings and inks.

KEY BENEFITS

- dynamic wetting on difficult-to-wet substrates
- good foam control
- 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

- Overprint varnishes
- Printing Inks
- Can coatings
- Liquid Inks

TECHNICAL DATA

active matter content	75 %
appearance	clear to hazy, colorless to colored liquid
chemical description	acetylenic-free surfactant
delivery form	liquid
solvent	water

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 original unopened packaging, the product has a shelf life of 24 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. Please refer to the SDS for the most current information.

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