SURFYNOL® 465

DESCRIPTION

SURFYNOL® 465 is a good substrate wetting agent with very good solubility in aqueous systems. It is suitable for waterborne coatings and inks.

KEY BENEFITS

- low-foam, dynamic surface tension reduction
- good wetting of particles and substrates
- 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

TECHNICAL DATA

- active matter content 100 %
- appearance clear colored liquid
- chemical description ethoxylated acetylenic diol 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 - 2.0 %

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

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is normally freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use.

MSDS & REGULATORY INFORMATION

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