SURFYNOL® 485

DESCRIPTION
SURFYNOL® 485 is a substrate wetting agent for waterborne coatings and inks with high solubility in aqueous systems. Surfynol 485 can also be used for its stabilization and emulsification properties.

KEY BENEFITS
- dynamic substrate wetting
- good emulsification and stabilization
- 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

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.

TECHNICAL DATA
- active matter content: 100 %
- appearance: clear colored liquid
- chemical description: ethoxylated acetylenic surfactant
- solvent: -

SOLUBILITY
- Water: ●
- Ethanol: ●
- TPGDA: ●
- Acetone: ●
- Butylacetate: ●
- Mineral Spirits: -

- not soluble ● partly soluble ● soluble

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

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