

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**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

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

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

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

- 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 normally 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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