

DESCRIPTION

SURFYNOL® FS-85 surfactant is a low-foam dynamic wetting agent specifically designed for lithographic fountain solutions.

KEY BENEFITS

- prevention of excess ink emulsification
- rapid wetting of aluminum plates
- low interfacial tension

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

TECHNICAL DATA

active matter content	98 %
appearance	clear colored liquid
chemical description	acetylenic diol formulated surfactant
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 - 2.0 %

PROCESSING INSTRUCTIONS

Can be introduced in post-addition.

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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