

DESCRIPTION

SURFYNOL® 118 is a very compatible, formulated molecular defoamer/deaerator based on Gemini surfactant technology. It can be used for a wide variety of applications where pinhole elimination, macro-, and micro-foam control is needed without causing any film defects.

KEY BENEFITS

- prevents pinholes and solvent popping in bake coatings while maintaining surface appearance
- increase wet film thickness that can be applied without film defects
- combination of defoaming and deaeration properties
- highly suitable for sensitive waterborne formulations
- 100% active and low viscous liquid
- silicone- and silica-free, APEO- and tin-free

EFFECT**Flow promotion****Defoaming****Reduction of static surface tension****Reduction of dynamic surface tension****SUITABILITY**

waterborne	2-pack 100%
●	●
radiation-curing	pigmented coatings
●	●
clear coatings	
●	

TYPICAL APPLICATIONS

- Car OEM coatings
- Car repair coatings
- Transportation coatings
- General industrial coatings
- Wood coatings
- Plastic coatings
- Paper coatings
- Printing Inks

TECHNICAL DATA

active matter content	100 %
appearance	clear colorless liquid
chemical description	organic based Gemini molecular defoamer

SOLUBILITY

TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 3.0 wt-%

PROCESSING INSTRUCTIONS

- Addition to the coating as supplied.
- Addition may be either in the grind or during the let-down procedure.

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. Mix thoroughly before use. Product is freeze-thaw stable but may separate on standing or freezing; bring product to 20-30 °C and mix thoroughly before use. Please refer to the SDS for the most current information.

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