

Defoamer/deaerator for waterborne formulations

SURFYNOL® DF-110 L

DESCRIPTION

SURFYNOL® DF 110 L is a very compatible molecular defoamer based on Gemini surfactant technology. Free of silicone and silica. Offers additional dynamic wetting properties.

KEY BENEFITS

- effectiveness against macro- and micro-foam in combination with high compatibility
- provides additional dynamic wetting properties
- highly recommended in combination with classical silicone-based defoamers

APPLICATION RECOMMENDATION

Brush application/roller application



Airless spraying



Compressed air spraying



Flexo/gravure printing



Dip coating, flow coating, curtain coating



Flooring



TECHNICAL DATA

active matter content 20 %

appearance clear colored liquid

chemical description acetylenic diol based molecular defoamer

solvent ethylene glycol and dipropylene glycol

SOLUBILITY

Water **Ethanol**

● ●

TPGDA **Acetone**

● ●

Butylacetate **Mineral Spirits**

● ●

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 1.0 %

PROCESSING INSTRUCTIONS

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 freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use. Please refer to the SDS for the most current information.

SUITABILITY

waterborne **solventborne**

● ●

2-pack 100% **radiation-curing**

● ●

addition to the grinding stage **addition to the let-down stage**

● ●

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Car OEM coatings
- General industrial coatings
- Printing Inks

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