

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



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

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.

MSDS & REGULATORY INFORMATION



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