Defoamer/deaerator for waterborne formulations

**SURFYNOL® DF-110 BC**

**DESCRIPTION**

SURFYNOL® DF 110 BC 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
- Others

**TECHNICAL DATA**

- **active matter content**: 50%
- **appearance**: Clear colored liquid
- **chemical description**: Acetylenic diol based molecular defoamer
- **solvent**: Diethylene glycol monobutyl ether

**SOLUBILITY**

- **Water**: Soluble
- **Ethanol**: Partially soluble
- **TPGDA**: Soluble
- **Acetone**: Soluble
- **Butyl acetate**: Partially soluble
- **Mineral Spirits**: Not 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.

**MSDS & REGULATORY INFORMATION**

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Evonik Resource Efficiency GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telephone +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com