

**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
●	●
<b>2-pack 100%</b>	<b>radiation-curing</b>
●	●
<b>addition to the grinding stage</b>	<b>addition to the let-down stage</b>
●	●

● not suitable ● partly suitable ● suitable

**TYPICAL APPLICATIONS**

- Car OEM coatings
- General industrial coatings
- Printing Inks
- Others

**TECHNICAL DATA**

<b>active matter content</b>	50 %
<b>appearance</b>	clear colored liquid
<b>chemical description</b>	acetylenic diol based molecular defoamer
<b>solvent</b>	diethylene glycol monobutyl ether

**SOLUBILITY**

Water	Ethanol
●	●
<b>TPGDA</b>	<b>Acetone</b>
●	●
<b>Butylacetate</b>	<b>Mineral Spirits</b>
●	●

● 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.

**MSDS & REGULATORY INFORMATION**

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Operations GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | [www.coating-additives.com](http://www.coating-additives.com)