

BYK-092

VOC-free, silicone-containing defoamer for aqueous paint systems, printing inks and adhesives. Wide range of uses for conventional application methods.

Product Data

Composition

Mixture of foam-destroying polysiloxanes and hydrophobic solids in polyglycol

VOC-free (< 1500 ppm)

Typical Properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 1.06 g/ml

Non-volatile matter (60 min., 105 °C): > 97 %

Storage and Transportation

Separation possible. Mix well before use.

Applications

Coatings Industry

Special Features and Benefits

BYK-092 is a very effective defoamer for aqueous systems, especially for clearcoat and high-gloss systems. It also offers outstanding performance in matted and pigmented systems. Due to its balanced incompatibility, the product does not affect the transparency or gloss. BYK-092 is characterized by its effectiveness in all standard application methods, such as rolling, brushing, spraying and curtain coating. The additive can generally be added at any time during production.

Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Floor coatings	<input type="checkbox"/>

especially recommended recommended

Recommended Levels

0.05-0.8 % additive (as supplied) based on the total formulation (in exceptional cases up to 1.5 %).

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive can be added at any time during production. It can be very easily incorporated at low shear forces with the help of a dissolver. Post-addition is also possible.

Printing Inks

Special Features and Benefits

BYK-092 is recommended for the defoaming of printing inks and overprint varnishes based on styrene acrylate, pure acrylate or acrylate/polyurethane combinations. The additive is also effective against microfoam. BYK-092 does not affect the transparency or gloss.

Recommended Levels

0.1-1 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive can be added at any time during production. Sufficiently high shear forces must be applied when adding the additive.

Adhesives & Sealants

Special Features and Benefits

BYK-092 is recommended for the defoaming of polyurethane dispersions and adhesives based on aqueous acrylate systems. The defoamer is characterized by a powerful defoaming effect and has high storage stability.

Recommended Levels

0.1-1 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive can be added at any time during production. Sufficiently high shear forces must be applied when adding the additive.



Additive Guide



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