

BYK-015

Silicone-free, polymer-based defoamer with anti-popping properties for aqueous coatings. Particularly recommended for automotive and industrial coatings.

Product Data

Composition

Blend of hydrophobic solids and foam-destroying polymers, silicone-free

Does not contain any
alkylphenol ethoxylates.

Typical Properties

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

Density (20 °C): 0.99 g/ml

Active substance: 100 %

Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Storage and Transportation

The additive is not frost sensitive, although storage at 0-50 °C is recommended for optimum handling.

Applications

Coatings Industry

Special Features and Benefits

BYK-015 has a good defoaming effect, particularly in pigmented aqueous systems, and prevents boiling marks. The product is virtually clear and the hydrophobic solids do not settle.

Recommended Use

Automotive OEM coatings	<input checked="" type="checkbox"/>
Automotive refinish coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input type="checkbox"/>
Architectural coatings	<input type="checkbox"/>

especially recommended recommended

Recommended Levels

0.2-1 % 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 incorporated in the millbase as well as in the letdown product. Sufficiently high shear forces must be applied when used in the letdown product.

Special Note

To assess the full potential of the defoamer, it should be tested under realistic application conditions (using a compressed-air spray gun, electrostatic high rotation systems, roller and brush applications). Assessing the spontaneous defoaming effect in the container alone will not illustrate the full scope of performance of the additive.



Additive Guide



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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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