

# BYK-015

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

## Product data

### Composition

Polyethers with hydrophobic particles

APEO-free

### Typical properties

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

Density (20 °C): 0.99 g/cm<sup>3</sup>  
 Active substance: 100 %  
 Color: colorless, clear-slightly cloudy  
 Delivery form: liquid

### Storage and transportation

Product shelf life in unopened original packaging: 36 months  
 The additive is not frost sensitive, although storage at 0–50 °C is recommended for optimum handling.  
 Hydrophobic particles can build some settlement in the transport packaging. Stirring of the product before use is not recommended. Filtration offers additional safety. If the product was exposed to temperatures below 15 °C, heating up to 50 °C for 24 h is recommended.

## 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.

#### Recommended use

Automotive OEM coatings	<input checked="" type="checkbox"/>
Automotive refinish coatings	<input checked="" type="checkbox"/>
General industrial coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input type="checkbox"/>
Architectural coatings	<input type="checkbox"/>
Floor coatings	<input type="checkbox"/>
Coil 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. The optimum dosage should be determined by application-related test series.

### Incorporation and processing instructions

The additive can be incorporated in the millbase as well as in the let-down product. Sufficiently high shear forces must be applied when used in the let-down 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.



Your local  
contact

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