

BYK-015

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

Product data

Composition

Compound of polyether with hydrophobic particles

**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 %

Storage and transportation

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.

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"/>
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. 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 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.

**BYK-Chemie GmbH**

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

ADD-MAX®, ADD-VANCE®, ANTI-TERRA®, AQUACER®, AQUAMAT®, AQUATIX®, BENTOLITE®, BYK®, BYK-AQUAGEL®, BYK-DYNWET®, BYK-MAX®, BYK-SILCLEAN®, BYKANOL®, BYKCARE®, BYKETOL®, BYKJET®, BYKO2BLOCK®, BYKONITE®, BYKOPLAST®, BYKUMEN®, CARBOBYK®, CERACOL®, CERAFAX®, CERAFLOUR®, CERAMAT®, CERATIX®, CLAYTONE®, CLOISITE®, DISPERBYK®, DISPERPLAST®, FULACOLOR®, FULCAT®, GARAMITE®, GELWHITE®, HORDAMER®, LACTIMON®, LAPONITE®, MINERPOL®, NANOBYK®, OPTIBENT®, OPTIFLO®, OPTIGEL®, POLYAD®, PRIEX®, PURABYK®, PURE THIX®, RECYCLOBLEND®, RECYCLOBYK®, RECYCLOSSORB®, RECYCLOSTAB®, RHEOBYK®, RHEOCIN®, RHEOTIX®, SCONA®, SILBYK®, TIXOGEL® and VISCOBYK® are registered trademarks of the BYK group.

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions.