

## BYK-018

VOC-free silicone-containing defoamer for aqueous pigmented high gloss emulsion systems which is highly effective against microfoam.

### Product Data

#### Composition

Mixture of foam-destroying polysiloxanes and hydrophobic solids

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): 1.00 g/ml

#### Storage and Transportation

Separation may occur. Mix well before use.

### Applications

#### Coatings Industry

##### Special Features and Benefits

BYK-018 is particularly suitable for pigmented high gloss emulsion systems based on styrene acrylate, acrylate or acrylate/polyurethane combinations with a low pigment volume concentration and is very effective against microfoam.

##### Recommended Levels

0.05-0.8 % additive (as supplied) based upon 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

Due to its high incompatibility, the defoamer must be incorporated at high shear forces to ensure a good distribution. Otherwise defects may occur in the system.



Additive Guide



**BYK-Chemie GmbH**  
P.O. Box 10 02 45  
46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

**info@byk.com**  
**www.byk.com**

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