

# BYK-1617

VOC-free silicone-containing defoamer for aqueous architectural coatings and adhesives. Preferably used in dispersion systems within a PVC range of 60-85. Cost-effective alternative to mineral oil defoamers.

## Product Data

### Composition

Emulsion of foam-destroying polysiloxanes, hydrophobic solids and emulsifying agents

VOC-free (< 1500 ppm)  
Does not contain  
alkylphenol ethoxylates

### 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  
Non-volatile matter (60 min, 105 °C): 12.5 %  
Carrier: Water

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Storage and Transportation

To be stored and transported between 0 °C and 40 °C. Temperature-sensitive emulsion. If the storage temperature drops below or exceeds that recommended, the product should be checked and, if necessary, re-emulsified at room temperature.

## Applications

### Coatings Industry

#### Special Features and Benefits

BYK-1617 is a very versatile defoamer for aqueous systems. The additive is especially recommended for use in the production and application of emulsion paints and plasters within a PVC range of 60-85. BYK-1617 is VOC-free and can replace mineral oil defoamers.

#### Recommended Levels

0.1-0.5 % additive (as supplied) based on the total formulation - in exceptional cases up to 0.8 %.

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.

**Adhesives****Special Features and Benefits**

BYK-1617 can be used in all aqueous dispersion adhesives as a defoamer.

**Recommended Levels**

0.05-0.5 % 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 during any stage of the production process, at low to moderate shear rates.



Additive Guide



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