

# BYK-028

VOC-free silicone-containing defoamer for aqueous high gloss emulsion systems and adhesives. Easy incorporation.

## Product Data

### Composition

Mixture of foam-destroying polysiloxanes and hydrophobic solids in polyglycol

VOC-free (< 1500 ppm)

### Typical Properties

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

Density (68 °F): 8.72 lbs/US gal

### 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

Separation may occur. Mix well before use.

## Applications

### Coatings Industry

#### Special Features and Benefits

BYK-028 is the standard defoamer for aqueous emulsion systems and the starting point for series testing with similar products. The defoamer is particularly recommended for high gloss emulsion systems based on acrylate/polyurethane or polyurethane in the PVC range of 0 to 25 and is easy to incorporate.

#### Recommended Levels

0.1-1 % 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

The additive can be added at any time during production. The amount of defoamer used is often divided (by adding 2/3 into the millbase and 1/3 into the let-down or finished product).

## Adhesives

### Special Features and Benefits

BYK-028 is recommended for defoaming all common aqueous adhesive systems.

### Recommended Levels

0.05-1 % 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

The additive can be added at any time during production.