

## BYK-1707

Silicone-containing defoamer for aqueous pigment concentrates and glycol pastes for use in printing inks and coatings. Prevents foam during grinding. Long-term stability. Particularly suitable for grinds that contain resins.

### Product data

#### Composition

Compound of foam-destroying polysiloxanes and hydrophobic solids

SVHC label-free  
(EU SDS)

#### Typical properties

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

Density (20 °C): 1.02 g/ml

#### Storage and transportation

Stir before use.

#### Special note

BYK-1707 is a low-cycle version of BYK-017. The cyclic siloxane content D4 / D5 / D6 is in each case less than 0.1 %, therefore the SVHC label is not required in the safety data sheet.

### Applications

#### Printing inks

##### Special features and benefits

BYK-1707 is particularly suitable for defoaming the millbase during dispersion and subsequent processing. It is characterized by outstanding defoaming during grinding and good storage stability. This results in improved grinding and handling of the finished pigment concentrates.

##### Recommended use

The additive is particularly recommended for defoaming aqueous pigment concentrates for printing ink systems.

##### Recommended levels

0.2-0.8 % 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

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.

## Coatings industry

### Special features and benefits

BYK-1707 is particularly suitable for defoaming the millbase during dispersion and subsequent processing. It is characterized by outstanding defoaming properties during grinding and good storage stability. This results in improved grinding and handling of the finished pigment concentrates.

### Recommended use

The additive is recommended for defoaming glycol pastes and aqueous pigment concentrates for aqueous coating systems.

### Recommended levels

0.2-0.8 % 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

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.



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This issue replaces all previous versions.