BYK-017

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

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

Food Contact Legal Status
For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Printing Inks

Special Features and Benefits
BYK-017 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 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.

BYK-017

Data Sheet
Issue 10/2012

Coatings Industry

Special Features and Benefits
BYK-017 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 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.

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/additives