

BYK-1616

Silicone-containing defoamer for aqueous printing inks and coatings.

Product Data

Composition

Emulsion 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): 1.00 g/ml
Non-volatile matter (10 min., 150 °C): 24.2 %
Carrier: Water

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.

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

Printing Inks

Special Features and Benefits

BYK-1616 is recommended for defoaming pigmented printing inks, especially corrugated printing. The storage stability of the inks and the shear stability in the printing machine are excellent.

Recommended Levels

0.2-1 % 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.

Coatings Industry

Special Features and Benefits

BYK-1616 is a highly effective defoamer in a wide variety of coatings, especially wood coatings based on acrylate and/or polyurethane dispersions in the 1-pack and 2-pack segment. The additive stops foam forming both during production and during application. BYK-1616 has a spontaneous defoaming effect and is also suitable for preventing microfoam.

Recommended Use

Wood coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended Levels

0.3-1.0 % 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.



Additive Guide



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