

BYK-018

VOC-free silicone-containing defoamer for aqueous pigmented high gloss emulsion systems which is highly effective against microfoam.

Product Data

Composition

Mixture of foam-destroying polysiloxanes and hydrophobic solids

VOC-free (< 1500 ppm)

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

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

Separation may occur. Mix well before use.

Applications

Coatings Industry

Special Features and Benefits

BYK-018 is particularly suitable for pigmented high gloss emulsion systems based on styrene acrylate, acrylate or acrylate/polyurethane combinations with a low pigment volume concentration and is very effective against microfoam.

Recommended Levels

0.05-0.8 % 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.

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Data Sheet
Issue 10/2012

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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

This issue replaces all previous versions – Printed in Germany