

BYK-1816

PFAS-free, silicone-containing defoamer for solvent-borne and solvent-free coating systems.

Product data

Composition

Solution of polysiloxanes

PFAS-free

Typical properties

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

Density (20 °C): 0.89 g/ml
Non-volatile matter (10 min, 150 °C): 10 %
Solvents: Butyl acetate
Flash point: 26 °C

Applications

Coatings industry

Special features and benefits

BYK-1816 is a highly effective defoamer for solvent-borne and solvent-free coating systems. Even at low dosing levels, optimal and spontaneous defoaming can be achieved.

Recommended use

Architectural coatings	☐
Floor coatings	☐
Wood and furniture coatings	☒
General industrial coatings	☒
Marine coatings	☒
Protective coatings	☒

☒ especially recommended ☐ recommended

Recommended levels

0.1–1 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

To achieve optimal defoaming, the defoamer should be added to the millbase. If it is incorporated later, sufficient shear forces must be applied to ensure a good defoamer distribution and to prevent crater formation.

**Your local
contact****BYK-Chemie GmbH**
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735**info@byk.com**
www.byk.com

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This issue replaces all previous versions.