

BYK-011

Silicone-free, polymer-based defoamer for aqueous coating systems (also radiation curable systems). Particularly recommended for two pack polyurethane systems. Very good recoatability.

Product Data

Composition

Mixture of foam-destroying polymers and hydrophobic solids, silicone-free

Typical Properties

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

Density (20 °C):	0.80 g/ml
Non-volatile matter (10 min., 150 °C):	29 %
Solvents:	Hydrocarbons/Ethylhexanol 21/1
Flash point:	72 °C

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. Separation or turbidity may occur during storage and transportation. Mix well before use.

Applications

Coatings Industry

Special Features and Benefits

BYK-011 is suitable for defoaming aqueous coatings (also radiation curable systems). The additive is silicone-free and mineral oil-free. It is particularly recommended for aqueous two-pack polyurethane systems and prevents the foam that occurs when adding the curing agent. BYK-011 is also suitable for clear coats and is used for defoaming ultrafiltrates.

Recommended Levels

1-2.5 % additive (as supplied) based on the total formulation in aqueous two-pack polyurethane systems.

0.1-1.5 % additive (as supplied) based on the total formulation in other aqueous systems.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The defoamer can be very easily incorporated without effort required for dispersing and can also be used in the millbase as well as in the let-down.



Additive Guide



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