

BYK-025

Silicone-containing defoamer for aqueous high gloss emulsion systems and adhesive systems. Highly compatible and easy to incorporate.

Product Data

Composition

Solution of foam-destroying polysiloxanes

Typical Properties

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

Density (68 °F):	8.01 lbs/US gal
Non-volatile matter (60 min., 221 °F):	18.5 %
Solvents:	Dipropylene glycol monomethyl ether
Flash point:	169 °F

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 or turbidity may occur at temperatures below 5 °C (41 °F). Warm to 20 °C (68 °F) and mix well.

Applications

Coatings Industry

Special Features and Benefits

BYK-025 is recommended for non-pigmented acrylate/polyurethane and polyurethane high gloss emulsion systems. The defoamer is especially recommended for curtain coating application, since it is very easy to incorporate and allows optimizing dosage by post-addition while the paint is running on the curtain coater.

Recommended Levels

0.1-1.5 % 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

The additive can be added at any time during production. The amount of defoamer used is often divided (by adding 2/3 into the millbase and 1/3 into the let-down or finished product).

Adhesives**Special Features and Benefits**

BYK-025 is a highly compatible defoamer and is specifically recommended for sensitive aqueous adhesive systems.

Recommended Levels

0.05-1 % 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

The additive can be added at any time during production. Since the defoamer can be easily incorporated, it allows optimal dosage by post addition.



Additive Guide



BYK USA Inc.
524 South Cherry Street
P.O. Box 5670
Wallingford, CT 06492
USA
Tel 203 265-2086
Fax 203 284-9158

cs.usa@byk.com
www.byk.com

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