BYK-067 A

Silicone defoamer for solvent-free and solvent-borne printing inks and overprint varnishes as well as adhesives, sealants, and ambient curing plastic systems. Solvent-free version of BYK-066 N. Odorless.

Product Data

Composition
Non-aqueous emulsion of a foam-destroying polysiloxane

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

Density (68 °F):	9.02 lbs/US gal
Non-volatile matter (20 min., 302 °F):	89 %
Carrier:	Propylene glycol
Flash point:	> 212 °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.

Special Note
The additive contains fluoro-modified silicone.

Applications

Printing inks and overprint varnishes

Special Features and Benefits
BYK-067 A is a defoamer for all solvent-borne and solvent-free printing inks and overprint varnishes. This additive is the solvent-free and odor-free version of BYK-066 N and is particularly suitable for aromatic-free systems.

Recommended Use
Solvent-borne and solvent-free printing inks and overprint varnishes.

Recommended Levels
0.1-0.7 % 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
To achieve optimal defoaming, the defoamer should be added to the millbase. If it is incorporated at a later time, sufficient shear forces must be ensured in order to achieve good defoamer distribution and to prevent crater formation.

Adhesives & Sealants

Special Features and Benefits
BYK-067 A is a defoamer for all solvent-borne and solvent-free adhesives and sealants (filled and unfilled). It is especially recommended for polyurethane-based systems and is particularly effective in thick layer applications.

Recommended Levels
0.1-1 % 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
Incorporate into resin before adding the other components.

Ambient Curing Systems

Special Features and Benefits
Air release agent to prevent foam and bubbles during the manufacture and application of ambient curing plastic applications.

Recommended Use
Recommended for flooring on polyurethane basis.

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
Incorporate into resin before adding the other components. Can also be added to complete systems.

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