

BYK-066 N

Silicone defoamer for solvent-free and solvent-borne coatings, printing inks, and ambient curing plastic systems on the basis of epoxy resin and polyurethane. Standard silicone defoamer for all solvent-borne systems. Good balance between effectiveness and compatibility.

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 (20 °C):	0.81 g/ml
Non-volatile matter (10 min., 150 °C):	0.7 %
Solvents:	Diisobutyl ketone
Flash point:	47 °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

Separation or turbidity may occur at temperatures below 5 °C. Warm to 20 °C and mix well.

Special Note

The additive contains fluoro-modified silicone.








Applications

Coatings and Printing Inks Industry

Special Features and Benefits

BYK-066 N is a highly effective defoamer for solvent-borne and solvent-free coating systems and printing inks, which offers optimal defoaming at a very low percentage of incompatible substances.

Recommended Use

Architectural coatings	
Industrial coatings	
Wood and furniture coatings	
Printing inks	
Automotive coatings	
Can coatings	
Protective coating systems	

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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.

Ambient Curing Systems**Special Features and Benefits**

BYK-066 N is a highly effective air release agent, which reduces the formation of foam during the manufacture and processing of epoxy resin and polyurethane systems in order to achieve bubble-free surfaces.

Recommended Use

Especially recommended for floorings and casting systems (polymer concrete, mineral casting) on epoxy resin and polyurethane basis.

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

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