

# 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 (68 °F):	6.76 lbs/US gal
Non-volatile matter (10 min., 302 °F):	0.7 %
Solvents:	Diisobutyl ketone
Flash point:	117 °F

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://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

### 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	

 especially recommended     recommended**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.