

BYK-051 N

Silicone-free defoamer on polymer-basis and excellent compatibility with solvent-borne systems.

Product Data

Composition

Solution of foam-destroying polymers, silicone-free

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):	20 %
Solvents:	White spirit
Flash point:	43 °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.

Applications

Coatings Industry

Special Features and Benefits

BYK-051 N is the most compatible defoamer in the BYK-051 N/BYK-052 N series. It is particularly effective in polar solvent-borne systems. In non-polar systems, it is less effective. Due to its excellent compatibility, the transparency of clear coats is rarely impacted, even at higher dosage levels, and craters do not form in sensitive systems.

Recommended Use

The defoamer is recommended for solvent-borne automotive OEM coatings.

Recommended Levels

0.05-0.5 % additive (as supplied) based upon total formulation.

The dosage levels are indicated for the purpose of orientation. Optimal dosage levels are determined through series of 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.



Additive Guide



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