

BYK-141

Silicone defoamer for solvent-borne and solvent-free coating systems as well as ambient curing plastic systems on polyurethane basis.

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):	0.87 g/ml
Non-volatile matter (10 min., 150 °C):	3.2 %
Solvents:	Alkylbenzenes/Isobutanol 11/2
Flash point:	28 °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-141 is a defoamer for all solvent-borne and solvent-free coating systems.

Recommended Use

Architectural coatings	<input checked="" type="checkbox"/>
Automotive coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Protective coating systems	<input type="checkbox"/>

☒ 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 plastic 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 casting compounds (including electrical casting) on polyurethane basis.

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. Can also be added to complete systems.