

BYK-141

Silicone- and polymer-containing defoamer for solvent-borne and solvent-free coating systems, adhesives and sealants as well as polyurethane-based thermosets.

Product data

Composition

Solution of foam-destroying polymers and 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/cm ³
Non-volatile matter (10 min, 150 °C):	3.2 %
Solvents:	Alkylbenzenes/Isobutanol 11/2
Flash point:	28 °C

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"/>
General industrial	<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. The optimum dosage should be determined by application-related test series.

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.

Thermosets

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 transparent casting compounds as well as filled polyurethane-based electro casting systems.

Recommended levels

0.1–1 % additive (as supplied) based upon total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

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

Adhesives and sealants

Special features and benefits

BYK-141 is a defoamer for all solvent-borne and solvent-free adhesives and sealants, especially also for epoxy and polyurethane systems.

Recommended levels

0.1–1 % additive in delivery form on total formulation.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

Stir into the resin before adding other components. Addition into finished systems is also possible.



Your local
contact

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This issue replaces all previous versions.