

BYK-054

Silicone-free defoamer on polymer-basis for solvent-borne and solvent-free systems, particularly polyurethane, epoxy coatings.

Product data

Composition

Solution of polyolefin

Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C):	0.77 g/ml
Non-volatile matter (10 min, 150 °C):	25 %
Solvents:	isoparaffin
Flash point:	41 °C

Storage and transportation

Separation or turbidity may occur during storage or transportation at temperatures below 0 °C. Warm to 40 °C and mix well.

Applications

Coatings industry

Special features and benefits

BYK-054 is recommended for defoaming solvent-free and solvent-borne coatings and is particularly suitable for solvent-free PUR and epoxy flooring. It prevents air bubbles and pinholes. Due to its strong incompatibility, the effect on the transparency of clear coats must be checked. BYK-054 is also suitable for defoaming coil coatings on the basis of PVC plastisols.

Recommended use

Industrial coatings	<input checked="" type="checkbox"/>
Coil coatings	<input checked="" type="checkbox"/>
Can coatings	<input type="checkbox"/>
Architectural coatings	<input type="checkbox"/>
Protective coating systems	<input checked="" type="checkbox"/>

☒ particularly recommended ☐ recommended

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

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.



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