BYK-054

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

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 (68 °F):	6.43 lbs/US gal
Non-volatile matter (10 min., 302 °F):	25 %
Solvents:	Isoparaffin
Flash point:	106 °F

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-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	■
Coil coatings	■
Can coatings	□
Architectural coatings	□
Protective coating systems	■

■ particularly recommended □ recommended

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Recommended Levels

0.1-1 % 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.

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