

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

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://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	<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 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.