

## BYK-054 T

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

#### Special note

Technical grade, not suitable for applications with food contact.

### Applications

#### Coatings industry

#### Special features and benefits

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

#### Recommended use

General industrial coatings	■
Coil coatings	■
Floor coatings	■
Architectural coatings	□
Marine coatings	■
Protective coatings	■

■ 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 mill base. 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****Incorporation and processing instructions**

Air release additive to prevent foam and bubbles during the manufacture and application of thermoset systems. It is particularly suitable for use in roof waterproofing and casting resins based on polyurethanes or epoxy resin 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**

Stir into the resin before adding other components. It is also possible to add the additive to finished systems.



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contact**

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