

# BYK-055

Silicone-free defoamer on polymer-basis for solvent-borne and solvent-free wood and furniture 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):	0.88 g/ml
Non-volatile matter (10 min., 150 °C):	6.5 %
Solvents:	Alkylbenzenes/Methoxypropyl acetate 12/1
Flash point:	45 °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-055 is especially effective in wood and furniture coatings based on glossy polyester, paraffin polyester, and in radiation curable polyester. The additive allows curtain coaters to maintain curtain stability even when only thin layers are applied. When using non-pigmented systems, a slight turbidity may be visible over dark wood. Good results were also found with epoxy systems.

#### Recommended Use

Solvent-borne und solvent-free wood and furniture coatings.

#### Recommended Levels

0.1-1.5 % 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.



Additive Guide



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