

# BYK-1630

VOC- and APEO-free mineral oil defoamer for aqueous architectural coatings, general industrial coatings, floor coatings and adhesives.

## Product data

### Composition

Blend of paraffin-based mineral oils and hydrophobic components, silicone-containing

**VOC-free (< 1500 ppm)**  
**APEO-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): > 97 %  
Flash point: > 150 °C

## Applications

### Coatings industry

#### Special features and benefits

BYK-1630 is effective in aqueous systems. The additive is especially recommended for use in the production and application of emulsion paints and plasters within a PVC range of 30–85. In the floor coatings field, the additive is recommended for aqueous epoxy top coats. BYK-1630 contains small quantities of a coating-compatible silicone and is APEO-free.

#### Recommended use

Architectural coatings	<input checked="" type="checkbox"/>
Floor coatings	<input type="checkbox"/>
General industrial coatings	<input type="checkbox"/>

☒ especially recommended   ☐ recommended

#### Recommended levels

0.1–0.5 % additive (as supplied) based on the total formulation, in exceptional cases up to 0.8 %.

The above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

#### Incorporation and processing instructions

Sufficiently high shear forces must be applied during incorporation to ensure a good distribution of the defoamer and to prevent cratering.

## Adhesives and sealants

### Special features and benefits

BYK-1630 is an effective defoamer for dispersion adhesives, such as acrylate, polyurethane, and polyvinyl alcohol dispersions.

BYK-1630 contains small quantities of a compatible silicone, to enhance the defoaming action, and is APEO-free.

### Recommended levels

0.1–0.5 % additive (as supplied) based on the 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

Sufficiently high shear forces must be applied during incorporation to ensure a good distribution of the defoamer and to prevent cratering.



Your local  
contact

#### BYK-Chemie GmbH

Abelstraße 45  
46483 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

info@byk.com  
www.byk.com

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