

# BYK-1710

VOC-free polymer-based defoamer for aqueous, low-emission coatings and adhesives. Silicone-free and mineral oil-free. Very effective in alkyd emulsions and hybrid systems.

## Product data

### Composition

Blend of polyolefins with hydrophobic particles

VOC-free (< 1500 ppm)

### Typical properties

The values indicated in this data sheet describe typical properties and do not constitute specification limits.

Density (20 °C): 0.92 g/cm<sup>3</sup>  
 Active substance: 100 %  
 Delivery form: liquid

### Storage and transportation

Product shelf life in unopened original packaging: 60 months  
 To be stored and transported at a temperature below 50 °C. Separation may occur. Stir before use.

## Applications

### Coatings industry

#### Special features and benefits

BYK-1710 has very good defoaming properties, especially in alkyd emulsions, hybrid systems as well as polyurethane and epoxy coatings. The additive has no or only a minor influence on recoatability and surface slip and reduces „cissing“ (brush marks when recoating). The defoamer is easy to incorporate and VOC-free.

#### Recommended use

Automotive OEM coatings	<input checked="" type="checkbox"/>
Automotive refinish coatings	<input checked="" type="checkbox"/>
General industrial coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input checked="" type="checkbox"/>
Architectural coatings	<input type="checkbox"/>
Coil coatings	<input type="checkbox"/>
Floor coatings	<input type="checkbox"/>

especially recommended    recommended

**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**

The additive can be incorporated in the millbase as well as in the letdown. Sufficiently high shear forces must be applied when used in the letdown.

**Adhesives and sealants****Special features and benefits**

BYK-1710 is a highly effective defoamer for all common dispersion adhesives, such as acrylate, polyurethane, and EVA dispersions. It prevents foam, both during production and during application. The product is free of silicones and mineral oil, and is especially recommended for VOC-free systems.

**Recommended levels**

0.1-0.8 % 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**

The additive can be added at any time during production. Sufficiently high shear forces must be applied.



Your local  
contact

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