

BYK-1630

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

Product data

Composition

Blend of paraffin-based mineral oils and polyether-modified polysiloxanes with hydrophobic particles

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/cm ³
Non-volatile matter (10 min, 150 °C):	99 %
Flash point:	> 150 °C
Delivery form:	liquid

Storage and transportation

Product shelf life in unopened original packaging: 36 months
 Stir before use. To be stored and transported at a temperature below 50 °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	☒
Floor coatings	☐

☒ 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.



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