BYK-1632

Mineral-oil-based, silicone-free defoamer for aqueous systems.

Product data

Composition
Emulsion of a paraffin-based mineral oil and hydrophobic components

APEO-free
Silicone-free

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

Density (20 °C):	0.93 g/ml
Non-volatile matter (10 min, 150 °C):	50 %
Carrier:	Water

Storage and transportation
To be stored and transported between 0 °C and 40 °C. This emulsion is sensitive to temperature extremes. If the storage temperature drops below or exceeds the recommended temperature, the product should be checked and, if necessary, re-emulsified at room temperature.

Special note
BYK-1632 is the APEO-free version of BYK-032.

Applications

Coatings industry

Special features and benefits
BYK-1632 is recommended for use in aqueous systems. The defoamer has a very broad application spectrum. BYK-1632 can be incorporated both in clearcoat and in pigmented systems.

Recommended use

Can coatings	■
Architectural 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
In pigmented systems, 2/3 of the defoamer quantity is usually added to the millbase and 1/3 to the letdown or the finished paint. Sufficiently high shear forces are required when incorporating to prevent negative side effects.

Adhesives and sealants

Special features and benefits
BYK-1632 is an effective defoamer for dispersion adhesives, such as acrylate, polyurethane, and polyvinyl alcohol dispersions.

Recommended levels
0.1–0.5 % additive (as suuplied) 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

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