BYK-1610

Silicone-containing defoamer for aqueous coatings and adhesives. Preferably used in emulsion systems with a PVC of 35–70. Cost-effective alternative to mineral oil defoamers.

Product data

Composition
Emulsion of hydrophobic solids, emulsifiers and foam-destroying polysiloxanes

Contains no alkylphenol ethoxylates

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

Density (20 °C):	1.01 g/ml
Non-volatile matter (10 min, 150 °C):	17 %
Carrier:	Water

Storage and transportation
Storage and transport between 0 °C and 40 °C. Temperature-sensitive emulsion. If the temperature has exceeded or fallen below the recommended range, the product has to be tested and, if necessary, be re-emulsified at room temperature.

Applications

Coatings industry

Special features and benefits
BYK-1610 is a silicone defoamer that can replace mineral oil defoamers in many applications (emulsion paints and plasters, gloss and semi gloss paints). For use within a PVC range of 35–70.

Recommended levels
0.1–0.5 % additive (as supplied) based upon 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
Normally 2/3 of the amount of defoamer is added to the mill base, 1/3 to the let-down or the finished paint.

Adhesives and sealants

Special features and benefits
BYK-1610 is more effective than BYK-1615 and can be used in all aqueous emulsion adhesives as a defoaming agent.

Recommended levels
0.05–0.5 % additive (as supplied) based upon 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 the production process at low to moderate shear forces.

Your local contact

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