BYK-326

Silicone-containing surface additive for solvent-borne, aqueous, and 100% coatings with a slight reduction in surface tension and a slight increase in surface slip. Particularly suitable for good leveling.

Product Data

Composition
Solution of a polyether-modified polymethylalkylsiloxane

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

Density (68 °F):	8.47 lbs/US gal
Non-volatile matter:	>96 %
Flash point:	>212 °F

Food Contact Legal Status
For the current food contact legal status, please contact our product safety department or visit www.byk.com for further information.

Applications

Coatings Industry

Special Features and Benefits
The additive causes only a slight reduction in the surface tension of the coating systems and has a positive effect on leveling. As a result of its broad compatibility, the high transparency of most clear coating systems is maintained and it can therefore be easily used in clear coatings for automotive, for example. In epoxy clear coatings for flooring, the additive combines high transparency, improved substrate wetting, and mild defoaming properties. Due to its special molecular structure, BYK-326 does not crystallize, even under -18 °C (-0.4 °F), which makes it easy to use at low temperatures.

Recommended Use
The additive is recommended for all solvent-borne, aqueous, and 100 % coatings.

Recommended Levels
0.05-0.5 % additive (as supplied) based on the total formulation.

The above recommended levels can be used for orientation. Optimal levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions

The additive can be incorporated during any stage of the production process, including post-addition.

Special Note

Unlike so-called silicone oils, this additive is very user-friendly. However, before use, one should determine in a test series whether foam is stabilized in certain systems. Similarly, the recoatability and cratering should be investigated.

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