

BYK-375

Silicone surface additive for aqueous systems. Hydroxy-functional. Medium reduction of surface tension.

Product Data

Composition

Solution of a polyether-polyester-modified, hydroxy-functional polydimethylsiloxane

Typical Properties

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

Density (68 °F):	8.14 lbs/US gal
Non-volatile matter (60 min, 221 °F):	25 %
Solvents:	Dipropylene glycol monomethyl ether
Flash point:	172 °F
OH value (solids):	ca. 30 mg KOH/g

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.

Storage and Transportation

Separation or turbidity may occur at temperatures below 50 °F (10 °C). Warm to 122-140 °F (50-60 °C) until the product is clear again and mix well.

Special Note

Due to its reactivity, the additive can be incorporated into the polymer network and therefore anchored in the coating surface. The surface properties generated by the additive are therefore present longer than with conventional, non-reactive silicones. When using the coatings in exterior areas, weathering removes the additive along with the top resin layer from the coating early on. Tests must be performed to determine whether these conditions allow the additive to be effective for a sufficiently long period of time. If the additive is used in coating systems which incorporate it via its functional groups, it is important that the coating is carefully and evenly sanded before recoating or retouching in order to facilitate sufficient adhesion.



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