

BYK-3440

Surface additive for solvent-borne, solvent-free and aqueous systems with a strong reduction in the surface tension. Good wetting of critical substrates. No influence on surface slip.

Product Data

Composition

Solution of an acrylate copolymer

Typical Properties

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

Density (68 °F):	8.11 lbs/US gal
Non-volatile matter (10 min., 302 °F):	10 %
Solvents:	Dipropylene glycol monomethyl ether
Flash point:	183 °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.

Storage and Transportation

Separation or turbidity may occur at temperatures below 25 °C (77 °F). Warm to 30-40 °C (86-104 °F) and stir well.

Special Note

The additive contains C₆F₁₃ fluorotelomers and replaces BYK-340.

Applications

Coatings Industry

Special Features and Benefits

BYK-3440 provides a strong reduction in the surface tension of the coating systems and is therefore a highly effective additive for wetting critical substrates and for avoiding cratering. It is exceptionally compatible in solvent-borne, solvent-free and also aqueous coating systems. In pure aqueous emulsion systems (not containing organic co-solvents), the fluorine-free alternatives BYK-3455 and BYK-349 should be used for preference.

Recommended Levels

0.1-0.5 % additive (as supplied) based on the total formulation - in exceptional cases up to 1 %.

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.

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Data Sheet
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Additive Guide



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