

# 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 (20 °C):	0.97 g/ml
Non-volatile matter (10 min., 150 °C):	10 %
Solvents:	Dipropylene glycol monomethyl ether
Flash point:	84 °C

### Food Contact Legal Status

For the current food contact legal status, please contact our product safety department or visit [www.byk.com](http://www.byk.com) for further information.

### Storage and Transportation

Separation or turbidity may occur at temperatures below 25 °C. Warm to 30-40 °C and stir well.

### Special Note

The additive contains C<sub>6</sub>F<sub>13</sub> 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.



Additive Guide



**BYK-Chemie GmbH**  
P.O. Box 10 02 45

46462 Wesel  
Germany  
Tel +49 281 670-0  
Fax +49 281 65735

**info@byk.com**  
**www.byk.com/additives**

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