

BYK-3441

Polyacrylate-based surface additive for solvent-borne and aqueous systems to improve leveling.

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):	1.02 g/ml
Non-volatile matter (10 min., 150 °C):	52 %
Solvents:	Dipropylene glycol monomethyl ether
Flash point:	75 °C

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.

Special Note

The additive contains C₆F₁₃ fluorotelomers and replaces BYK-380 N.

Applications

Coatings Industry

Special Features and Benefits

BYK-3441 is an acrylate leveling additive that also reduces the surface tension and therefore improves substrate wetting and prevents cratering and pinholes. The additive is recommended for solvent-borne and aqueous systems.

Recommended Levels

0.1-1 % 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

The recoatability and intercoat adhesion should be tested when used in systems which are baked in excess of 150 °C.

Adhesives & Sealants

Special Features and Benefits

BYK-3441 is an acrylate leveling additive that also reduces the surface tension and therefore improves substrate wetting and prevents cratering and pinholes. The additive is recommended for aqueous adhesive systems, but can also be used in solvent-borne systems.

Recommended Levels

0.1-1 % 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.



Additive Guide



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This information is given to the best of our knowledge. Because of the multitude of formulations, production, and application conditions, all the above-mentioned statements have to be adjusted to the circumstances of the processor. No liabilities, including those for patent rights, can be derived from this fact for individual cases.

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