BYK-358 N

Polyacrylate-based surface additive for solvent-borne coating systems and ambient curing plastic systems to improve leveling. For semi-polar to polar systems.

Product Data

Composition
Solution of a polyacrylate

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

Density (68 °F):	7.93 lbs/US gal
Non-volatile matter (10 min., 302 °F):	52 %
Solvents:	Alkylbenzenes
Flash point:	117 °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.

Special Note
The additive is also available without solvents under the name BYK-361 N.

Applications

Coatings Industry

Special Features and Benefits
The additive is used as an anti-cratering and leveling additive in all solvent-borne coatings. It increases gloss and gives the coatings a long wave effect. It only causes a minor reduction in surface tension and does not negatively influence the recoatability and intercoat adhesion. BYK-358 N does not cause turbidity in clear coats or haze in pigmented systems. The additive is thermally stable.

Recommended Levels
0.1-1 % additive (as supplied) based upon 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.

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Ambient-curing Plastic Systems

Special Features and Benefits
The additive is used as an anti-cratering and leveling additive in all solvent-borne and solvent-free systems. It only provides a minor reduction of the surface tension and facilitates the acceptance of spray mist and dust. BYK-358 N does not cause turbidity in non-pigmented systems or haze in pigmented systems.

Recommended Use
The additive is recommended for all ambient curing resin systems such as unsaturated polyester resins and epoxy resins.

Recommended Levels
0.1-0.5 % additive (as supplied) based upon 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.

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