BYK-152 N

Ammonium polyacrylate-based dispersing additive for pigment stabilization in aqueous emulsion paints and emulsion adhesives.The additive is only available in the North American market. In other regions please use BYK-154 instead, which differs only with respect to the non-volatile content.

Product Data

Composition
Solution of an ammonium salt 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):	9.56 lbs/US gal
Non-volatile matter (10 min., 302 °F):	30 %
Solvents:	Water

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
The product may solidify below 5 °C (41 °F). Heat to 20 °C (68 °F) and stir.

Applications

Coatings Industry

Special Features and Benefits
BYK-152 N stabilizes the pigments and fillers by electrostatic repulsion and is recommended for aqueous emulsion paints. The additive increases gloss, lowers viscosity and improves storage stability. BYK-152 N does not have a foam stabilizing effect. As an ammonium salt it affects curing and water resistance to a lesser extent than metal salts.

Recommended Levels
Additive dosage as supplied based on pigment:

Inorganic pigments:	2.0-10 %
Titanium dioxides:	1.5-3 %
Filler:	0.6-1.0 %

The above recommended levels can be used for orientation. Optimal dosage levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions
For optimum performance, the additive must be incorporated into the mill base prior to addition of pigments and fillers.

Adhesives & Sealants

Special Features and Benefits
BYK-152 N stabilizes the pigments and fillers by electrostatic repulsion and is recommended for all aqueous emulsion adhesives and sealants.

Recommended Levels
Additive dosage as supplied based on pigment:

Inorganic pigments:	2.0-10 %
Titanium dioxides:	1.5-3 %
Filler:	0.6-1.0 %

The above recommended levels can be used for orientation. Optimal dosage levels are determined through a series of laboratory tests.

Incorporation and Processing Instructions
For optimum performance, the additive must be incorporated into the mill base prior to addition of pigments and fillers.

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