

BYK-W 966

Wetting and dispersing additive for filled unsaturated polyester resins as well as acrylic, PU and epoxy resins to reduce viscosity and prevent settling. For fiber reinforced spray-up and hand lay-up resins, adhesives and cobalt-accelerated putty compounds. Aromatic-free solution of ANTI-TERRA-U 100.

Product Data

Composition

Solution of a salt of unsaturated polyamine amides and acidic polyesters

Percentage of renewable
raw materials: 34 %

Typical Properties

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

Amine value:	19 mg KOH/g
Acid value:	26 mg KOH/g
Density (68 °F):	7.22 lbs/US gal
Non-volatile matter (10 min., 302 °F):	52 %
Flash point:	100 °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

Mix well before use. Separation or turbidity possible. Warm to 30-60 °C (86-140 °F) and mix well.

Applications

Ambient Curing Systems

Special Features and Benefits

The wetting and dispersing additive improves the dispersion of all conventional fillers, such as calcium carbonate and aluminum hydroxide. It reduces the viscosity of the filled resin, allowing a higher filling level. In most cases, the settling of fillers during storage and processing is reduced.

Recommended Use

The additive is used as a wetting and dispersing additive in filled fiber reinforced spray-up and hand lay-up resins, as well as in cobalt-accelerated putty compounds. Especially recommended for unsaturated polyester resins. Also recommended for acrylic resins, polyurethane resin systems and epoxy resins.

Recommended Levels

0.5-1.5 % additive (as supplied) based upon fillers.

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

Incorporation and Processing Instructions

For optimal performance, the additive should be incorporated before solids are added.

Adhesives & Sealants**Special Features and Benefits**

The additive improves the wetting and dispersion of all mineral fillers, such as calcium carbonate and aluminum hydroxide (ATH), which lowers viscosity and allows higher filling levels. At the same time, the sedimentation of fillers is often reduced, preventing deposits.

Recommended Use

The additive is recommended for adhesives on the basis of polyurethane, epoxy and acrylic resins.

Recommended Levels

0.5-1.5 % additive (as supplied) based upon fillers.

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

Incorporation and Processing Instructions

For optimal performance, the additive should be incorporated before solids are added.