DISPERBYK-2062

Wetting and dispersing additive for aqueous VOC-free and glycol-containing inorganic pigment concentrates to tint aqueous and solvent-borne architectural coatings

Product Data

Composition
Salt of a copolymer with pigment-affinic groups

VOC-free (< 1500 ppm)
APEO-free

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

Amine value:	65 mg KOH/g
Acid value:	65 mg KOH/g
Active substance:	100 %
Density (20 °C):	1.04 g/ml
Flash point:	> 150 °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.

Applications

Coatings Industry

Special Features and Benefits
Using DISPERBYK-2062, aqueous and glycol-containing pigment concentrates can be produced. The additive is particularly suitable for inorganic pigments. In some cases, certain organic pigments and carbon blacks can also be dispersed and stabilized. These paste systems are used as binder-free universal pigment concentrates to tint aqueous and solvent-borne coating systems, predominantly for the architectural coatings field. The pigment concentrates based on DISPERBYK-2062 display broad compatibility in the most diverse coating systems. These include aqueous alkyd resins or alkyd resin emulsions, acrylate-, vinyl acetate-, siloxane resin- and polyurethane dispersions (blends, e.g. alkyd/polyurethane) and solvent-borne long oil alkyd resin coatings, even those that are odor-free and high solids, and thermoplastic acrylic resin systems (TPA). In addition to exceptional color strength and excellent rub-out properties, pigment concentrates with DISPERBYK-2062 display no negative influence on the coating viscosity or the drying behavior. The additive is VOC-free and contains no alkylphenol ethoxylates.

Recommended Use

VOC-free pigment concentrates	■
Glycol-containing pastes	■
Aqueous pigment concentrates	□
Aqueous coatings	□

■ Especially recommended □ recommended

Recommended Levels

Amount of additive (as supplied) based on the pigment:

Inorganic pigments:	4-15 %
Titanium dioxides:	2-5 %
Organic pigments:	20-40 %
Carbon blacks:	20-50 %

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

Incorporation and Processing Instructions

For optimum performance, the additive must be incorporated into the millbase. Simply pre-mix the water and additive. In all cases, only add the pigments once the additive has been thoroughly distributed.

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