

ANTI-TERRA-U

Wetting and dispersing additive for solvent-borne industrial and architectural coatings to stabilize inorganic pigments.

Product Data

Composition

Solution of a salt of unsaturated polyamine amides and low-molecular acidic polyesters

Percentage of renewable
raw materials 33%

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 :	24 mg KOH/g
Density (68 °F):	7.84 lbs/US gal
Non-volatile matter (10 min., 302 °F):	50 %
Solvents:	Xylene/Isobutanol 8/1
Flash point:	77 °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

Coatings Industry

Special Features and Benefits

By means of steric stabilization, the additive causes the pigments to deflocculate. High gloss can be achieved and color strength is improved thanks to the small particle size of the deflocculated pigments. Furthermore, transparency and hiding power are increased while the viscosity is reduced.

This also improves the leveling and allows for a higher level of pigmentation.

The additive is also ideally suited for gelling organophilic bentonites.

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Recommended use

Especially recommended for architectural coatings industrial coatings, and protective coating systems.

Recommended Levels

Amount of additive (as supplied) on pigment:

Inorganic pigments: 1-2 %
Titanium dioxide: 0.5-1 %
Organic pigments: 1-5 %
Bentonites: 30-50 %

The dosage levels are indicated for the purpose of orientation. Optimal dosage levels are determined through series of tests.

Incorporation and Processing Instructions

For optimum performance, the additive must be incorporated into the millbase before addition of pigments.

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