ANTI-TERRA-U SG

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.

Density (20 °C):	0.94 g/ml
Non-volatile matter (10 min, 150 °C):	50 %
Solvents:	Xylene/isobutanol 8/1
Flash point:	25 °C
Acid value:	24 mg KOH/g
Amine value:	19 mg KOH/g

Storage and transportation
Mix well before use. Separation or turbidity possible. Warm to 30–60 °C 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.

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 above recommended levels can be used for orientation. The optimum dosage should be determined by application-related test series.

Incorporation and processing instructions

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

Your local contact

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