NANOBYK-3630

Nano-additive based on nanosized boehmite particles for solvent-borne and high-solid architectural coatings to improve scratch resistance.

Product Data

Composition
Dispersion of surface-treated nanosized boehmite particles

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

Density (20 °C):	1.04 g/ml
Non-volatile matter (10 min., 150 °C):	39 %
Solvents:	Aromatic-free white spirit
Flash point:	65 °C
Nanoparticle content:	30 %
Particle size D50:	< 30 nm

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
Storage and transport between -10 °C and 50 °C.

Special Note
Stir before use.

Applications

Coatings Industry

Special Features and Benefits
NANOBYK-3630 improves the scratch resistance of coating surfaces without negative impact on properties such as gloss and transparency. The protective effect is achieved after only a very brief drying period.
The additive is particularly recommended for solvent-borne, aromatic-free, alkyd-resin-based architectural coatings.

Recommended Use

Architectural coatings	■

■ Particularly recommended □ Recommended

Recommended Levels

2-10 % additive (as supplied) based upon solid resin.

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

Incorporation and Processing Instructions

The product is easy to incorporate and should be stirred into the coating.

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