DISPERBYK-2096

VOC-free and solvent-free wetting and dispersing additive for architectural coatings to improve compatibility of universal pigment concentrates in non-polar systems.

Product data

Composition
Solution of polymeric carboxylic acid ester

VOC-free (< 1500 ppm)

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

Density (20 °C):	1.03 g/cm³
Non-volatile matter (10 min, 150 °C):	99 %
Acid value:	40 mg KOH/g
Bio-based carbon content (ASTM D6866):	82 %
Delivery form:	liquid

Storage and transportation
Product shelf life in unopened original packaging: 36 months
Separation or turbidity may occur. To be stored and transported at a temperature below 50 °C. Warm to 30-60 °C and stir.

Applications

Coatings industry

Special features and benefits
The additive increases the compatibility of aqueous universal pigment concentrates in non-polar systems and improves the colorant acceptance.

Recommended use

Architectural coatings	▢
Floor coatings	▢
General industrial coatings	▢

■ Especially recommended ▢ Recommended

Recommended levels
0.3-1% additive (as supplied) based upon total formulation.

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

Incorporation and processing instructions
The additive is used in the base paint and can also be post-added.

Lubricants and mold release

Special features and benefits
The dispersing additive improves the dispersion and stabilization of graphite in the lubricant, reduces viscosity, and thereby results in improved flowability and a stable formulation.

Recommended levels
1-5% additive in its as-supplied form, based on the lubricant.

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

Incorporation and processing instructions
The additive is added to the lubricant and tested for compatibility and its effect on viscosity at different graphite contents.

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