

DISPERBYK-2098

VOC- and APEO-free wetting and dispersing additive for aqueous pigment concentrates and effective compatibilizer for post-addition.

Only available in Asia.

Product data

Composition

Aqueous solution of polyethers

VOC-free (< 1500 ppm)
APEO-free

Typical properties

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

Density (20 °C):	1.11 g/cm ³
Non-volatile matter (10 min, 150 °C):	90 %
Solvent:	water
Delivery form:	liquid

Storage and transportation

Product shelf life in unopened original packaging: 36 months

At temperatures below 5 °C the product may become solid. Warm to 20-30 °C and stir. To be stored and transported at a temperature below 50 °C.

Applications

Coatings industry

Special features and benefits

In aqueous, resin-free pigment concentrates:

Excellent deflocculation and stabilization of pigments through steric stabilization for

- Significant viscosity reduction
- High pigment loading
- Very good storage stability
- Enhanced gloss levels
- Improved color strength, transparency, and hiding power

Post-added to aqueous base paints and pigment concentrates:

- Effective reduction of flooding and floating by improving the colorant acceptance
- Increase in color strength development

Recommended use

Architectural coatings	<input checked="" type="checkbox"/>
Automotive OEM coatings	<input type="checkbox"/>
Automotive refinish coatings	<input type="checkbox"/>
Floor coatings	<input type="checkbox"/>
General industrial coatings	<input type="checkbox"/>
Marine and protective coatings	<input type="checkbox"/>
Wood and furniture coatings	<input type="checkbox"/>

especially recommended recommended

Recommended levels

Amount of additive (as supplied) based on:

Organic pigments: 20-40 %
Carbon black: 40-60 %
Titanium dioxide: 1-3 %
Inorganic pigments: 5-10 %

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

Incorporation and processing instructions

To produce resin-free pigment concentrates, simply mix the additive with the water. Only add the pigments once the additive has been uniformly distributed. For enhanced performance, especially with titanium dioxide and iron oxide red, it is recommended to use the additive in combination with 0.5 % (as supplied) BYK-154. The additive can also be post-added as a compatibilizer.



Your local
contact

BYK-Chemie GmbH

Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
info@byk.com
www.byk.com



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