

DISPERBYK-2009 R

Wetting and dispersing additive for solvent-free, radiation-curing coating systems.

Product data

Composition

Solution of a structured acrylate copolymer with pigment-affinic groups

Typical properties

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

Density (20 °C):	1.02 g/ml
Non-volatile matter (20 min, 150 °C):	43 %
Solvents:	Methoxypropanol/methoxypropyl acetate 2/1
Flash point:	34 °C
Amine value:	4 mg KOH/g

Storage and transportation

Storage and transportation at temperatures below 50 °C.

Applications

Coatings industry

Special features and benefits

The additive is especially recommended for stabilizing pigments and matting agents in solvent-free, radiation-curing coating systems. It is also suitable for the formulation of pigment concentrates.

Recommended use

Wood and furniture coatings	<input checked="" type="checkbox"/>
Architectural coatings	<input checked="" type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended levels

Amount of additive (as supplied) based upon pigment:

Titanium dioxide:	5–6 %
Matting agent:	4–15 %
Organic pigments:	10–20 %
Carbon black:	10–20 %

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. Pre-mix the resin and solvent components of the millbase and then gradually pour in the additive while stirring. Do not add the pigments until the additive has been fully distributed.



**Your local
contact**

BYK-Chemie GmbH
Abelstraße 45
46483 Wesel
Germany
Tel +49 281 670-0
Fax +49 281 65735

info@byk.com
www.byk.com

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This issue replaces all previous versions.