BYK-390

Surface additive on polyacrylate basis for solvent-borne systems. Prevents boiling marks in baking systems and has an air-releasing effect.

Product data

Composition
Solution of a polyacrylate copolymer

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

Density (20 °C):	0.90 g/cm³
Non-volatile matter (20 min, 105 °C):	50 %
Solvent:	xylene
Flash point:	27 °C
Color:	colorless-light yellow
Delivery form:	liquid

Storage and transportation
Product shelf life in unopened original packaging: 60 months
To be stored and transported at a temperature below 40 °C.

Applications

Coatings industry

Special features and benefits
- Reduces boiling marks in solvent-borne baking clearcoats and topcoats
- Increases the popping limit
- Offers air released properties

Recommended use

Automotive OEM coatings	■
Floor coatings	□
General industrial coatings	□
Marine and protective coatings	□
Wood and furniture coatings	□

■ Especially recommended □ Recommended

Recommended levels

0.03-0.3 % additive (as supplied) based on the total formulation.

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

Special note

It is recommended to pre-dilute the additive with solvents that contain aromatics. Insure a homogeneous incorporation of the additive with sufficent shear forces. The compatability of BYK-390 must be evaluated especially in clearcoats due to the quite non-polare characteristic of the product.

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