

BYKETOL-WB

Silicone-free surface additive for aqueous coatings to prevent surface defects such as boiling marks, pinholes, bubbles, orange peel, and craters, and to improve leveling.

Product data

Composition

Combination of high-boiling solvents and foam-destroying substances

APEO-free

Typical properties

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

Density (20 °C):	0.75 g/ml
Active substance:	100 %
Non-volatile matter (10 min, 150 °C):	4 %
Flash point:	63 °C
Appearance:	clear to slightly turbid

Storage and transportation

Separation or turbidity may occur during storage or transportation at temperatures below 5 °C.
Warm to > 20 °C and mix well.

Special note

BYKETOL-WB is the butylglycol-free variant of BYKETOL-WA.

Applications

Coatings industry

Special features and benefits

The additive is a leveling additive with defoaming properties. It prevents the formation of bubbles and boiling marks in aqueous coatings, particularly in temperature-drying systems. Surface defects, such as cratering and pinholes, are avoided. The effectiveness of BYKETOL-WB can be additionally improved by combining it with polymeric defoamers.

Recommended use

BYKETOL-WB is recommended for use in aqueous coatings in the following applications:

Automotive OEM coatings	<input checked="" type="checkbox"/>
Automotive refinish coatings	<input checked="" type="checkbox"/>
Industrial coatings	<input checked="" type="checkbox"/>
Wood and furniture coatings	<input type="checkbox"/>

☒ especially recommended ☐ recommended

Recommended levels

0.3–3 % 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.

Incorporation and processing instructions

The additive should be incorporated into the millbase. Post-addition in the finished coating is also possible if sufficient shear forces are used.

Leather and textile coatings**Special features and benefits**

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This issue replaces all previous versions.