

FOOD CONTACT

BYK Regulatory Information

BYKETOL-AQ

Silicone-free surface additive for aqueous automotive and industrial coatings to prevent bubbles and boiling marks in baking coatings. The additive is HAPS and APEO-free.

Summary

BYKETOL-AQ is suitable according to the following compositional provisions for food contact applications, as indicated:

Adhesives		
	Suitable for food contact adhesives	Yes
EU	Regulation (EU) No. 10/2011	Yes
	German BfR Rec. XIV. 'Polymer Dispersions'	Yes
	German BfR Rec. XXXVI. 'Paper and board for food contact'	Yes
	Section 175.105 'Adhesives'	Yes
USA	Section 175.105 'Adhesives'	Yes
China	GB9685-2016, table A.5 'Adhesives'	No
Coatings		
	Suitable for food contact coatings	Yes
Europe	Regulation (EU) No. 10/2011	Yes
	German BfR XIV 'Polymer Dispersions'	Yes
	CoE ResAP (2004) 1	Yes
	USA	21 CFR 175.300 'Resinous and polymeric coatings'
China	GB9685-2016, table A.2 'Coatings'	No

Solvents and other formulation aids are not covered by the food contact status.

This summary only reflects conducted evaluations on existing regulations. It does not exclude compliant use in additional regions or applications. Explanations below show details on considered regulations and evaluations.

Explanation

Adhesives

EU

Regulation (EU) No. 10/2011

All components of this product are directly listed in Annex I – Table I of Regulation (EU) No. 10/2011 (including all amendments).

German BfR Rec. XIV. ‘Polymer Dispersions’

The product is covered by the compositional requirements of the BfR XIV ‘Polymer Dispersions’.

German BfR Rec. XXXVI. ‘Paper and board for food contact’

The product is covered by the compositional requirements of the BfR XXXVI ‘Paper and board for food contact’.

Therefore, the product can be recommended for use in food contact adhesives in the EU.

Solvents and other formulation aids are not covered by the food contact status.

USA

21 CFR 175.105 ‘Adhesives’

The product is covered by the compositional requirements of 21 CFR Sec. 175.105 ‘Adhesives’.

Therefore, a use in adhesives according to Sec. 175.105 can be recommended.

Solvents and other formulation aids are not covered by the food contact status.

China

GB9685-2016, table A.5 ‘Adhesives’

The product does not comply with table A.5 ‘Adhesives’ of the National Food Safety Standard of the People’s Republic of China, Standard for Uses of Additives in Food Contact Materials and Articles (GB9685-2016).

Coatings

Europe **Regulation (EU) No. 10/2011**

All components of this product are directly listed in Annex I – Table I of Regulation (EU) No. 10/2011 (including all amendments).

German BfR XIV ‘Polymer Dispersions’

The product is conform with the compositional requirements of BfR-Recommendation XIV ‘Polymer Dispersions’.

CoE ResAP (2004) 1

The product is conform with the compositional requirements of the Council of Europe Framework Resolution ResAP (2004) 1 on coatings intended to come into contact with foodstuffs.

In summary, the product can be recommended for food contact coating applications in the Europe.

Solvents and other formulation aids are not covered by the food contact status.

USA **21 CFR 175.300 ‘Resinous and polymeric coatings’**

The product is covered by the compositional requirements of 21 CFR Sec. 175.300 ‘Coatings’.

Therefore, a use in coatings according to Sec. 175.300 can be recommended.

Solvents and other formulation aids are not covered by the food contact status.

China **GB9685-2016, table A.2 ‘Coatings’**

The product does not comply with table A.2 ‘Coatings’ of the National Food Safety Standard of the People’s Republic of China, Standard for Uses of Additives in Food Contact Materials and Articles (GB9685-2016).

Solvents

The product contains a significant amount of solvent (please refer to the SDS for more information about the solvents). Solvents are currently not regulated by food contact positive lists as it is assumed that solvents evaporate from the finished product so that only residues or traces of no toxicological concern should remain. Evaporation needs to be monitored by the manufacturer of the final product. Article 3 of the Framework Regulation (EC) 1935/2004 should be fulfilled.

General Remarks

Regulations apply within the context of respective regional framework regulations, e.g. Regulation (EU) No. 1935/2004 and FDA 21 CFR 174.5. Since traces of unknown processing aids cannot be fully excluded, compliance with general requirements is the responsibility of the end user.

BYK reserves the right to change or update the information without notice. At most, this letter deems to be actual for three years commencing the date of issue.

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