

FOOD CONTACT

BYK Regulatory Information

BYK-1770

Silicone-containing defoamer for aqueous architectural coatings. Particularly suitable for thick layer systems with airless/airmix application. Solvent-free.

Technically recommended use level: 0.3 – 1 %

Summary

BYK-1770 is suitable according to the following compositional provisions for food contact applications, as indicated:

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

Coatings

EU

Regulation (EU) No. 10/2011

The product complies with the compositional requirements of Reg. EU/10/2011.

German BfR XIV 'Polymer Dispersions'

The product complies with the compositional requirements of the German BfR-Recommendation XIV 'Polymer Dispersions'.

CoE ResAP (2004) 1

The product complies with the compositional requirements of CEPE 'Code of practice for food contact coatings', Edition 4, Version Feb. 2009.

Dual use additive

The product contains a 'dual use additive' (< 0.1 %) for which restrictions apply: 2,6-Di-tert-butyl-p-cresol (BHT; CAS-No. 128-37-0, E321).

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

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

USA

21 CFR 175.300 'Resinous and polymeric coatings'

The product does not comply with 21 CFR 175.300, since not all components are fully covered under the respective section.

China

GB9685-2016, table A.2 'Coatings'

The active components of BYK-1770 are not listed in GB9685-2016.

Adhesives

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

The product complies with the compositional requirements of Reg. EU/10/2011.

German BfR XIV 'Polymer Dispersions'

The product complies with the compositional requirements of the German BfR-Recommendation XIV 'Polymer Dispersions'.

German BfR XXXVI 'Paper and board for food contact'

The product complies with the compositional requirements of the German BfR-Recommendation 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 Sec. 175.105 'Adhesives' of Title 21 CFR (FDA) Regulations for indirect food additives.

Therefore, the product can be recommended for use in food contact adhesives in regards to Sec. 175.105 of 21 CFR FDA.

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

China **GB9685-2016, table A.5 'Adhesives'**

The active components of BYK-1770 are not listed in GB9685-2016.

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.

Food Contact Team
Regulatory Affairs
BYK-Chemie GmbH

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