

FOOD CONTACT

BYK Regulatory Information

BYK-4509

Adhesion promoter for solvent-borne and aqueous systems applied to metallic substrates.

Technically recommended use level: 1 – 4 %

Summary

BYK-4509 is suitable according to the following compositional provisions for food contact applications, as indicated:

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

Solvents 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

Europe Regulation (EU) No. 10/2011

The main active components of this product are polymers and manufactured using monomers/starting substances, which are directly listed in Annex I – Table I of Regulation (EU) No. 10/2011, but they are themselves not listed as “polymeric additives”. Therefore, the product can formally not be used as an additive in compliance with this regulation.

German BfR XIV 'Polymer Dispersions'

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

CoE ResAP (2004) 1

The components of this product are a polymers and manufactured using monomers/starting substances which are fully evaluated as SCF-list 0-4.

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

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

The main active component of this product is listed in Sec. 175.300 “Resinous and polymeric coatings” of 21 CFR FDA.

Therefore, the product can be recommended for food contact coatings as described in 21 CFR FDA Sec. 175.300.

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 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).

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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This issue replaces all previous versions

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