

FOOD CONTACT

BYK Regulatory Information

DISPERBYK-107

Wetting and dispersing additive for solvent-borne architectural coatings and pigment concentrates on the basis of alkyd resins. The additive is suitable for all pigments.

Summary

DISPERBYK-107 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 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 main active component of above mentioned product is manufactured using starting materials which are fully evaluated as SCF-list 0-4 and directly listed in Annex I – Table I of COMMISSION REGULATION (EU) No. 10/2011 of 14 January 2011 (PIM) on plastic materials and articles intended to come into contact with food (as amended). Specific migration limits apply. The main active component as such is not listed as a “polymeric additive” in a.m. REG. (EU) No. 10/2011 (PIM), and therefore the product can formally not be used as an additive in compliance with this regulation.

German BfR XIV ‘Polymer Dispersions’

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

CoE ResAP (2004) 1

This product is covered by the compositional requirements of CoE ResAP (2004) 1.

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 is covered by the compositional requirements of 175.300 ‘Resinous and polymeric coatings’.

Therefore, the product can be recommended for use in food contact coatings in regards to Sec. 175.300 of 21 CFR FDA.

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).

Solvent

The product contains a significant amount of solvent. 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.

Food Contact Team
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This issue replaces all previous versions

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