

FOOD CONTACT

BYK Regulatory Information

BYK-349

Silicone surfactant for aqueous coatings, adhesives and maintenance products with a considerable reduction in the surface tension and therefore good substrate wetting. Does not increase the surface slip. Suitable for systems that do not contain co-solvents. All-purpose.

Technically recommended use level: 0.05 – 0.5%

Summary

BYK-349 is suitable according to the following compositional provisions for food contact applications, as indicated:

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
Printing inks		
Europe	Suitable for food contact printing inks	Yes
	Swiss Ordinance 817.023.21 (Annex 10)	Yes
Industry	Nestlé Guidance note on Packaging Inks (dated October 2018)	Yes
	EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018)	Yes
Adhesives		
	Suitable for food contact adhesives	Yes
Europe	Regulation (EU) No. 10/2011	Yes
	German BfR XIV 'Polymer Dispersions'	Yes
	German BfR XXXVI 'Paper and board in contact with food'	Yes
	USA	21 CFR 175.105 'Adhesives'
China	GB9685-2016, table A.5 'Adhesives'	No

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

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

This product complies with the compositional requirements of COMMISSION REGULATION (EU) No. 10/2011 of 14 January 2011 (PIM) on plastic materials and articles intended to come into contact with food, since not all components are listed.

German BfR XIV 'Polymer Dispersions'

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

CoE ResAP (2004) 1

The active component (polyether modified silicone) of this product is listed in the CEPE "Code of practice for food contact coatings", Edition 4, Version Feb. 2009.

Dual use additive

The product contains 2,6-Di-tert butyl-p-cresol (BHT; CAS-No. 128-37-0, E321, < 0.06%), for which restrictions apply and potassium acetate (CAS-No. 127-08-2, E261, < 0.02%).

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

USA **21 CFR 175.300 'Resinous and polymeric coatings'**

The product does not comply with Title 21 CFR (FDA) Regulations for indirect food additives.

China **GB9685-2016 Table A.2 'Coatings'**

This product is not in compliance with the National Standard of the People's Republic of China, GB9685-2016.

Printing inks

Europe **Swiss Ordinance 817.023.21 (Annex 10)**

This product is conform to the compositional requirements of the part for printing inks for packaging of the Swiss Ordinance 817.023.21 (Version of 1 December 2019) since all components of the product are listed in Annex 10. Migration limits apply.

Industry **Nestlé Guidance note on Packaging Inks (dated October 2018)**

According to the recipe, the product does not contain any of the substances listed in Table 1 – Table 7 of the Nestlé Guidance note on Packaging Inks (dated October 2018).

EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018)

According to the recipe, none of the substances listed in Annex 1 (Group C – G) of the EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018) are present. The product itself is not classified and labeled with any of the Hazard Statements given in Group A and B.

Adhesives

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

This product complies with the compositional requirements of COMMISSION REGULATION (EU) No. 10/2011 of 14 January 2011 (PIM) on plastic materials and articles intended to come into contact with food, since not all components are listed.

German BfR XIV 'Polymer Dispersions'

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

German BfR XIV 'Paper and board in contact with food'

The product complies with the compositional requirements of BfR XXXVI 'Paper and board in contact with food'.

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

USA **21 CFR 175.105 'Adhesives'**

The product does not comply with Title 21 CFR (FDA) Regulations for indirect food additives.

China **GB9685-2016 Table A.5 'Adhesives'**

This product is not in compliance with the National Standard of the People's Republic of China, 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

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions

ACTAL[®], ADD-MAX[®], ADD-VANCE[®], ADJUST[®], ADVITROL[®], ANTI-TERRA[®], AQUACER[®], AQUAMAT[®], AQUATIX[®], BENTOLITE[®], BYK[®], BYK[®]-DYNWET[®], BYK[®]-MAX[®], BYK[®]-SILCLEAN[®], BYKANOL[®], BYKETOL[®], BYKJET[®], BYKO2BLOCK[®], BYKOPLAST[®], BYKUMEN[®], CARBOBYK[®], CERACOL[®], CERAFAK[®], CERAFLOUR[®], CERAMAT[®], CERATIX[®], CLAYTONE[®], CLOISITE[®], DISPERBYK[®], DISPERPLAST[®], FULACOLOR[®], FULCAT[®], GARAMITE[®], GELWHITE[®], HORDAMER[®], LACTIMON[®], LAPONITE[®], MINERAL COLLOID[®], MINERPOL[®], NANOBYK[®], OPTIBENT[®], OPTIFLO[®], OPTIGEL[®], PAPERBYK[®], PERMONT[®], POLYAD[®], PRIEX[®], PURE THIX[®], RECYCLOBLEND[®], RECYCLOBYK[®], RECYCLOSSORB[®], RECYCLOSTAB[®], RHEOBYK[®], RHEOCIN[®], RHEOTIX[®], SCONA[®], SILBYK[®], TIXOGEL[®], VISCOBYK[®] and Y 25[®] are registered trademarks of the BYK group.