

FOOD CONTACT

BYK Regulatory Information

BYK-1724

VOC-free silicone-containing defoamer for aqueous coatings, printing inks, overprint varnishes, dispersion adhesives and cleaning agents. Compatible defoamer. All purpose and easy to incorporate.

Summary

BYK-1724 is suitable according to the following compositional provisions for food contact applications, as indicated:

Adhesives		
EU	Suitable for food contact adhesives	Yes
	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 (max: 0.33%)
China	GB9685-2016, table A.5 'Adhesives'	No
Printing inks		
Europe	Suitable for food contact printing inks	Yes
	Swiss Ordinance 817.023.21 (Annex 10)	Yes
	Nestlé Guidance Note on Packaging Inks (Oct. '18)	Yes
Industry	EuPIA Exclusion List (November 2016 - Corrigendum Dec. 2018)	Yes

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**

For this product, either the components themselves or the monomers and starting substances used for manufacturing are listed in the Regulation (EU) No. 10/2011. Therefore, a use in adhesives for packaging with indirect food contact (low exposure use) could be recommended.

German BfR XIV 'Polymer Dispersions'

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

German BfR 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.

USA **21 CFR 175.105 'Adhesives'**

The product can be used in compliance with the requirements of FDA 21 CFR 175.105, if used as recommended below. Based on studies and external consultation, we recommend following use conditions:

- Max. use level of 0.33% in wet adhesive formulations
- For formulations with a solid content of 40% and a dry thickness of 12 µm
- The use level can be adapted for deviating thickness and solid content.

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

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

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).

Printing inks

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

This product is conform with the compositional requirements of the part for printing inks for packaging of the Swiss Ordinance 817.023.21 (Version of 1 December 2019). The monomers/starting substances for manufacturing the active components and all other components are listed in Annex 10. Specific migration limits apply.

Therefore, the product can be recommended for food contact printing inks in Europe.

Industry **Nestlé Guidance Note on Packaging Inks (Oct. '18)**

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.

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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