

FOOD CONTACT

BYK Regulatory Information

BYK-025

Silicone-containing defoamer for aqueous high gloss emulsion systems and adhesive systems. Particularly compatible and therefore easy to incorporate.

Technically recommended use level: 0.05 – 1.5%

Summary

BYK-025 is suitable according to the following compositional provisions for food contact applications, as indicated:

Coatings		
	Suitable for food contact coatings	No
EU	Regulation (EU) No. 10/2011	No
	German BfR XIV 'Polymer Dispersions'	No
	German BfR XV 'Silicones'	No
	CoE ResAP (2004) 1	No
	USA 21 CFR 175.300 'Resinous and polymeric coatings'	No
China	GB9685-2016, table A.2 'Coatings'	No
Adhesives		
	Suitable for food contact adhesives	No
EU	Regulation (EU) No. 10/2011	No
	German BfR XIV 'Polymer Dispersions'	No
	German BfR XXXVI 'Paper and board for food contact'	No
	USA 21 CFR 175.105 'Adhesives'	Yes (with restriction)
China	GB9685-2016, table A.5 'Adhesives'	No
Paper and paperboard		
	Suitable for food contact paper and paperboard	No
Europe	Regulation (EU) No. 10/2011	No
	German BfR XXXVI 'Paper and paperboard in contact with food'	No
	USA 21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'	No
USA	21 CFR 176.180 'Components of paper and paperboard in contact with dry food'	No
	China	GB9685-2016, table A.6 'Paper'

Printing inks		
Europe	Suitable for food contact printing inks	No
	Swiss Ordinance 817.023.21, Annex 10	No
Industry	Nestlé Printing Inks for Food Packaging (07/04/22)	No
	EuPIA Exclusion List (March 2021)	No

Solvents and other formulation aids are not covered by the above statement.

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

This product does not comply with the Regulation (EU) No. 10/2011.

German BfR XIV 'Polymer Dispersions'

The components of this product are not fully covered by the German BfR-Recommendation XIV 'Polymer Dispersions'.

German BfR XV 'Silicones'

The components of this product are not fully covered by the German BfR-Recommendation XV 'Silicones'.

CoE ResAP (2004) 1

The product is not covered by the compositional requirements of the CoE ResAP (2004) 1.

USA

21 CFR 175.300 'Resinous and polymeric coatings'

The product cannot be used in compliance with the requirements of FDA 21 CFR 175.300. The components are not fully listed under section 175.300.

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).

Adhesives

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

This product does not comply with the Regulation (EU) No. 10/2011.

German BfR XIV 'Polymer Dispersions'

The components of this product are not fully covered by the German BfR-Recommendation XIV 'Polymer Dispersions'.

German BfR XXXVI 'Paper and board for food contact'

The components of this product are not fully covered by the German BfR-Recommendation XXXVI. "Paper and board for food contact".

USA **21 CFR 175.105 'Adhesives'**

The product can be used in compliance with the requirements of FDA 21 CFR 175.105. The components are fully listed under section 175.105. Separation from food by a functional barrier is necessary.

Therefore, the product can be recommended for use in food contact adhesives in regards to Sec. 175.105 of 21 CFR FDA. Separation from food by a functional barrier is necessary.

Solvents and other formulation aids are not covered by the above statement.

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

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).

Paper and paperboard

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

This product does not comply with the Regulation (EU) No. 10/2011.

German BfR XXXVI 'Paper and board for food contact'

The components of this product are not fully covered by the German BfR-Recommendation XXXVI. "Paper and board for food contact".

USA **21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'**

The product does not comply with the compositional requirements of 21 CFR FDA Sec 176.170.

21 CFR 176.180 'Components of paper and paperboard in contact with dry food'

The product does not comply with the compositional requirements of 21 CFR FDA Sec 176.180.

China **GB9685-2016, table A.6 'Paper'**

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).

Printing inks

Europe **Swiss Ordinance 817.023.21, Annex 10**

This product is not conform with the compositional requirements of the part for printing inks for packaging of the Swiss Ordinance 817.023.21 (Version of 1 December 2020).

Industry **Nestlé Printing Inks for Food Packaging (07/04/22)**

The product is not conform with the compositional requirements of the Nestlé Printing Inks for Food Packaging (07/04/22).

EuPIA Exclusion List (March 2021)

The product is not conform with the compositional requirements of the EuPIA Exclusion List (March 2021).

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 - Printed in Germany.