

FOOD CONTACT

BYK Regulatory Information

BYK-347

Silicone surfactant for aqueous coatings, printing inks and overprint varnishes with a considerable reduction in the surface tension and therefore an improvement in the substrate wetting. Does not increase the surface slip. Suitable for systems that do not contain co-solvents. Particularly good recoatability with thin layers (automotive coatings).

Technically recommended use level: 0.05 – 1 %

Summary

BYK-347 is suitable according to the following compositional provisions for food contact applications, as indicated:

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 (Oct. '18)	Yes
	EuPIA Exclusion List (Nov. '16 - Corrigendum Dec. '18)	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

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 2020) since all components are listed in Annex 10. Specific migration limits apply.

Additional note: the non-listed D4 (CAS 556-67-2) is present, as an impurity. Its amount is referred to in our BRIEF document.

Therefore, the product can be recommended for use in 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 (Nov. '16 - Corrigendum Dec. '18)

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
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This issue replaces all previous versions

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