

FOOD CONTACT

BYK Regulatory Information

BYK-021

Summary

BYK-021 is suitable according to the following compositional provisions for food contact applications, as indicated:

Printing inks		
Europe	21st Amendment to Consumer Goods Ordinance (GIO)	Yes
	Swiss Ordinance 817.023.21	Yes
Industry	Nestlé Standard “Printing Inks for Food Packaging”	See explanation
	EuPIA Exclusion Policy	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

21st Amendment to Consumer Goods Ordinance (GIO)

All intentionally used substances are either listed in Annex 14, Table 1 of the GIO or are subject to derogation as per §4, Abs.5, S.5 (“salt rule”) or are listed in Regulation (EU) No 10/2011 without restriction in column 9 and/or 10 (“gliding reference to GIO”) or are not classified as CMR according to CLP Regulation.

For any non-intentionally added substances (NIAS) which have become known to us, we perform risk assessments in accordance with internationally recognized scientific principles on risk assessment in order to fulfil the requirements of Article 3 of the Framework Regulation (EC) 1935/2004.

Substances used or known to be present which are relevant to be considered for compliance with the specific migration limits (SML) and/or any restrictions laid down in GIO will be disclosed to customers upon request.

Swiss Ordinance 817.023.21

All substances used or known to be present are either directly listed in Annex 2 and/or 10 of Swiss Ordinance 817.023.21, version applicable from 1 July 2025, or are subject to derogation as per Art. 35(b) or are not classified as CMR according to CLP (Art. 35(c)).

Exception:

The above-mentioned product contains trace amounts of the following substance(s) coming from raw material impurities, from the process or as adventitious contaminant: Octamethylcyclotetrasiloxane (D4) [CAS-No. 556-67-2]

Substances used or known to be present which are relevant to be considered for compliance with the specific migration limits (SML) and/or any restrictions laid down in Swiss Ordinance 817.023.2 will be disclosed to customers upon request.

Please note that it is the responsibility of both the manufacturers of finished food contact articles and downstream business operators to ensure compliance with the applicable migration limits and restrictions of the finished materials or articles under specific real and/or foreseeable conditions of use.

Industry

Nestlé Standard “Printing Inks for Food Packaging” (02/04/2024)

None of the intentionally used substances in the product are listed in the exclusion lists and/or minimisation lists of the Nestlé Standard “Printing Inks for Food Packaging” (version St-80.001-01 of 02/04/2024), with the exception of residual trace amounts of the SVHC substances Octamethylcyclotetrasiloxane (D4) [CAS 556-67-2], Decamethylcyclopentasiloxane (D5) [CAS 541-02-6] and Dodecamethylcyclohexasiloxane (D6) [CAS 540-97-6] which are mentioned under 4. 'General Nestlé Exclusions and Minimisations'. Therefore, the use of the above-mentioned product is not an obstacle for the compliance to the Nestlé Standard “Printing Inks for Food Packaging”.

EuPIA Exclusion Policy (April 2025)

The classification and composition of the above-mentioned product allows the formulation of printing inks in compliance with the EuPIA Exclusion Policy.

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 is in effect 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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