

# FOOD CONTACT

## BYK Regulatory Information

# CERAFLOUR 1053

### Summary

CERAFLOUR 1053 is suitable for food contact applications under the following compositional provisions, as indicated:

| Coatings |                                                  |     |
|----------|--------------------------------------------------|-----|
| Europe   | Regulation (EU) No. 10/2011                      | Yes |
|          | German BfR Recommendation XIV                    | Yes |
| USA      | 21 CFR 175.300 'Resinous and polymeric coatings' | Yes |
| China    | GB9685-2016, table A.2 'Coatings'                | Yes |
| Japan    | Japan Food Sanitation Act Positive List System   | Yes |
| MERCOSUR | GMC Res. No. 39/19                               | Yes |

  

| Printing Inks |                                                    |     |
|---------------|----------------------------------------------------|-----|
| Europe        | GIO – German Ink Ordinance, part of BedGgstV       | Yes |
|               | Swiss Ordinance 817.023.21                         | Yes |
| Industry      | Nestlé Standard 'Printing Inks for Food Packaging' | Yes |
|               | EuPIA Exclusion Charter                            | Yes |

This summary only reflects conducted evaluations on existing regulations. It does not exclude compliant use in additional regions or applications.

Please refer to the explanation section below for detailed information on the regulations and assessment criteria considered.

## Explanation

### Coatings

#### Europe

##### Regulation (EU) No 10/2011

The product may be used for the manufacturing of materials and articles within the scope of Regulation (EU) N° 10/2011 and its amendments, since the components are fully listed in Annex I, table 1. Specific migration limits (SML) or restrictions do not apply.

##### German BfR Recommendation XIV

The product may be used for the manufacturing of materials and articles according to the German BfR Recommendation XIV 'Polymer dispersions'.

#### USA

##### 21 CFR 175.300 'Resinous and polymeric coatings'

This product complies with the compositional requirements of 21 CFR 175.300 Resinous and polymeric coatings. This product includes components that are listed in 21 CFR 175.300 as well as components which are cleared under 21 CFR 184.1978 Carnauba wax, which may be cross-referenced for use in compliance with 21 CFR 175.300.

#### China

##### GB9685-2016, table A.2 'Coatings'

The product complies with the compositional requirements of table A.2 'Coatings' 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).

#### Japan

##### Japan Food Sanitation Act Positive List System

The active ingredients in this product are listed in Japan's Food Sanitation Act Positive List (PL) system under the Ministry of Health, Labour and Welfare (MHLW) Notification No. 370. Please see below for use Limit by Synthetic Resin Group (%).

| Polymer Group 1 | Polymer Group 2 | Polymer Group 3 | Polymer Group 4 | Polymer Group 5 (heat resistant temperature: $\geq$ 150°C) | Polymer Group 5 (heat resistant temperature < 150°C) |
|-----------------|-----------------|-----------------|-----------------|------------------------------------------------------------|------------------------------------------------------|
| *               | *               | *               | *               | *                                                          | *                                                    |

\* Dose as needed.

#### MERCOSUR

##### GMC Res. No. 39/19

The product may be used for the preparation of plastic materials and polymeric coatings intended to contact food according to Brazilian RDC N° 326/2019, incorporating MERCOSUR GMC/RES. N° 39/19 into national law, since the components are fully listed

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in the positive list of additives. Specific migration limits (SML) or restrictions do not apply.

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## **Printing Inks**

### **Europe**

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#### **GIO – German Ink Ordinance, part of the Consumer Goods Regulation (BedGgstV)**

The product may be used for the manufacturing of printing inks for packaging intended for direct and indirect contact with food as defined in the German BedGgstV – status 20 December 2025. The components are either fully listed in Annex 14, table 1 or in Regulation (EU) No. 10/2011, Annex I, table 1. Specific migration limits (SML) or restrictions do not apply.

#### **Swiss Ordinance 817.023.21**

The product may be used for the manufacturing of printing inks for packaging according to Swiss Ordinance 817.023.21 (Version as of 1 January 2026), since the components are fully listed in Annex 10. Specific migration limits (SML) do not apply.

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### **Industry**

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#### **Nestlé Standard ‘Printing Inks for Food Packaging’ (02 April 2024)**

The product complies with the Nestlé Standard ‘Printing Inks for Food Packaging’ (02 April 2024), since substances listed in the tables of sections 4 – 8 are not added intentionally.

#### **EuPIA Exclusion Charter (March 2026)**

The product intentionally does not contain any of the substances listed in Annexes 1 and 2 of the ‘EuPIA Charter on Raw Material Selection and Exclusion for Printing Inks and Related Products’ (1<sup>st</sup> edition, March 2026). The product itself as raw material is not classified and labeled with any of the Hazard Statements for Group I or Group II substances as defined in the section ‘Selection Criteria & Procedures’.

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## 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. Please note that it is the responsibility of both 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.

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.

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*This issue replaces all previous versions*

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