

# FOOD CONTACT

## BYK Regulatory Information

### DISPERBYK-161

Wetting and dispersing additive for solvent-borne automotive and industrial coatings and pigment concentrates. Particularly suitable for stabilizing carbon blacks with a fine particle size as well as organic pigments, especially in two-pack PU and baking systems. Outstanding reduction of millbase viscosity.

#### Summary

DISPERBYK-161 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 Printing Inks for Food Packaging (07/04/2022)	Yes; see explanation
	EuPIA Exclusion List (March 2021)	Yes
Coatings		
Europe	Suitable for food contact coatings	No
	Regulation (EU) No. 10/2011	No
	German BfR XIV 'Polymer Dispersions'	No
	CoE ResAP (2004) 1	No
USA	21 CFR 175.300 'Resinous and polymeric coatings'	No
China	GB9685-2016, table A.2 'Coatings'	No

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

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#### **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 October 2022). 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 use in food contact printing inks in Europe.

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#### **Industry**      **Nestlé Printing Inks for Food Packaging (07/04/2022)**

According to the recipe, the product does not contain any of the substances listed in Table 5 – Table 7 of the Nestlé Printing Inks for Food Packaging (07/04/2022). However, the solvent '2-methoxy-1-methylethylacetat' (CAS 108-65-6), which is listed in Table 8.2 'Minimisation list for Solvents', is present (50 - < 100 %).

#### **EuPIA Exclusion List (March 2021)**

According to the recipe, none of the substances listed in Annex 1 (Group C – G) of the EuPIA Exclusion List (March 2021) are intentionally present. The product itself is not classified and labeled with any of the Hazard Statements given in Group A and B.

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## Coatings

### Europe

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

The components of this product are not fully covered by Regulation EU/10/2011.

#### **German BfR XIV 'Polymer Dispersions'**

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

#### **CoE ResAP (2004) 1**

The components of this product are not fully covered by CoE ResAP (2004) 1.

Therefore, the product cannot be recommended for use in food contact coatings in the EU.

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### USA

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

The product does not comply with Title 21 CFR (FDA) Regulations for indirect food additives.

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### 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).

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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. 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.

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