

# FOOD CONTACT

## BYK Regulatory Information

### BYK-9076

Solvent-free wetting and dispersing additive for solvent-borne and solvent-free coatings, adhesives, PVC plastisols, ambient curing resin systems, and for the production of color masterbatches for thermoplastics. Particularly recommended for carbon black pigments. Prevents separation and improves the fiber wetting in SMC/BMC formulations.

#### Summary

BYK-9076 is suitable according to the following compositional provisions for food contact applications, as indicated:

Adhesives		
Europe	Suitable for food contact adhesives	Yes
USA	21 CFR 175.105 'Adhesives'	No
China	GB9685-2016, table A.5 'Adhesives'	No
Plastics		
Europe	Suitable for food contact plastics	No
	Regulation (EU) No. 10/2011	No
USA	21 CFR 177.1520 'Olefin polymers'	No
China	GB9685-2016, table A.1 'Plastics'	No
Printing inks		
Europe	Suitable for food contact printing inks	Yes
	Swiss Ordinance 817.023.21, Annex 10	Yes
	21 CFR 175.300 'Resinous and polymeric coatings'	No
USA	21 CFR 176.170 'Components of paper and paperboard in contact with aqueous and fatty foods'	No
	21 CFR 176.180 'Components of paper and paperboard in contact with dry food'	No
China	GB9685-2016, table A.4 'Inks'	No
Industry	Nestlé Printing Inks for Food Packaging (07/04/2022)	Yes
	EuPIA Exclusion List (March 2021)	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

### Adhesives

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

The main active components of this product are polymers. Although not directly listed as polymeric additives in Regulation (EU) No. 10/2011 (PIM) on plastic materials and articles intended to come into contact with food (including all amendments), they are manufactured using monomers/starting substances which are fully evaluated as SCF-list 0-4 and either listed in the PIM or in Council of Europe Coating Resolution AP(2004)1. Migration limits apply.

Therefore, the product can be recommended for use in food contact adhesives in Europe.

**USA**      **21 CFR 175.105 'Adhesives'**

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

**China**      **GB9685-2016 Table A.5**

This product is not in compliance with the National Standard of the People's Republic of China, GB9685-2016.

### Plastics

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

The main active components of this product are polymers and are not directly listed as polymeric additives in Regulation (EU) No. 10/2011 (PIM) on plastic materials and articles intended to come into contact with food (including all amendments). Therefore, the product can formally not be used as an additive in compliance with this regulation.

**USA**      **21 CFR 177.1520 'Olefin polymers'**

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

**China**      **GB9685-2016 Table A.1**

This product is not in compliance with the National Standard of the People's Republic of China, GB9685-2016.

## Printing inks

### **Europe**      **Swiss Ordinance 817.023.21, Annex 10**

This product is conform to 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. Migration limits apply.

Therefore, the product can be recommended for use in food contact printing inks in Europe.

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### **USA**      **21 CFR 175.300, 176.170 and 176.180**

The product does not comply with Title 21 CFR (FDA) Regulations for indirect food additives according to sections 175.300, 176.170 and 176.180.

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### **China**      **GB9685-2016 Table A.4 'Inks'**

This product is not in compliance with the National Standard of the People's Republic of China, GB9685-2016.

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

According to the recipe, the product does not intentionally contain any of the substances listed in 4. 'General Nestlé Exclusions and Minimisations' and Table 5 – Table 8 of the Nestlé Printing Inks for Food Packaging (07/04/2022).

#### **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 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.

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