

FOOD CONTACT

BYK Regulatory Information

DISPERBYK-193

Solvent-free wetting and dispersing additive for aqueous printing inks. Particularly suitable for pigment concentrates containing acrylic resins.

Summary

DISPERBYK-193 is suitable according to the following compositional provisions for food contact applications, as indicated:

| Coatings | | |
|---------------|--|-----|
| | Suitable for food contact coatings | Yes |
| Europe | Regulation (EU) No. 10/2011 | Yes |
| | German BfR XIV 'Polymer Dispersions' | Yes |
| | CoE ResAP (2004) 1 | Yes |
| | USA 21 CFR 175.300 'Resinous and polymeric coatings' | No |
| China | GB9685-2016, table A.2 'Coatings' | No |
| Printing inks | | |
| | Suitable for food contact printing inks | Yes |
| Europe | 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

Coatings

Europe

Regulation (EU) No. 10/2011

The active component of this product and the components used for manufacturing the active component, are fully evaluated as SCF - list 0-4 and listed in Annex I – Table I of COMMISSION REGULATION (EU) No. 10/2011 of 14 January 2011 (PIM) on plastic materials and articles intended to come into contact with food.

German BfR XIV ‘Polymer Dispersions’

The product is conform with the compositional requirements of the German BfR-Recommendations XIV. “Plastic Dispersions”.

CoE ResAP (2004) 1

The active component of this product and the components used for manufacturing are listed in the Coating Resolution AP(2004)1 and in the CEPE “Code of practice for Food contact coatings”, Edition 4, Version Feb. 2009.

Therefore, the product can be recommended for use in food contact coatings in the EU.

USA

21 CFR 175.300 ‘Resinous and polymeric coatings’

The product does not comply with Sec. 175.300 of Title 21 CFR (FDA) Regulations for indirect food additives.

China

GB9685-2016, table A.2 ‘Coatings’

The product does not comply with table A.2 “Coatings” 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).

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 2019) since all components are listed on the A-list in Annex 10. Specific migration limits apply.

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
BYK-Chemie GmbH

The information herein is based on our present knowledge and experience. The information merely describes the properties of our products but no guarantee of properties in the legal sense shall be implied. We recommend testing our products as to their suitability for your envisaged purpose prior to use. No warranties of any kind, either express or implied, including warranties of merchantability or fitness for a particular purpose, are made regarding any products mentioned herein and data or information set forth, or that such products, data or information may be used without infringing intellectual property rights of third parties. We reserve the right to make any changes according to technological progress or further developments.

This issue replaces all previous versions

ACTAL[®], ADD-MAX[®], ADD-VANCE[®], ADJUST[®], ADVITROL[®], ANTI-TERRA[®], AQUACER[®], AQUAMAT[®], AQUATIX[®], BENTOLITE[®], BYK[®], BYK[®]-DYNWET[®], BYK[®]-MAX[®], BYK[®]-SILCLEAN[®], BYKANOL[®], BYKETOL[®], BYKJET[®], BYKO2BLOCK[®], BYKOPLAST[®], BYKUMEN[®], CARBOBYK[®], CERACOL[®], CERAFAK[®], CERAFLOUR[®], CERAMAT[®], CERATIX[®], CLAYTONE[®], CLOISITE[®], DISPERBYK[®], DISPERPLAST[®], FULACOLOR[®], FULCAT[®], GARAMITE[®], GELWHITE[®], HORDAMER[®], LACTIMON[®], LAPONITE[®], MINERAL COLLOID[®], MINERPOL[®], NANOBYK[®], OPTIBENT[®], OPTIFLO[®], OPTIGEL[®], PAPERBYK[®], PERMONT[®], POLYAD[®], PRIEX[®], PURE THIX[®], RECYCLOBLEND[®], RECYCLOBYK[®], RECYCLOSSORB[®], RECYCLOSTAB[®], RHEOBYK[®], RHEOCIN[®], RHEOTIX[®], SCONA[®], SILBYK[®], TIXOGEL[®], VISCOBYK[®] and Y 25[®] are registered trademarks of the BYK group.