

Technical Information

Food Contact

epsotech PS HS1 NC and PS HG1 NC

METZOPLAST SB/HK m/m and m/gl

epsotech PS HS1 C5

METZOPLAST SB/K

The raw materials used for production of the above-mentioned products comply with the regulations and directives concerning food contact as listed below:

- Regulation (EC) No 1935/2004 of the European Parliament and of the Council of 27 October 2004 on materials and articles intended to come into contact with food and repealing Directives 80/590/EEC and 89/109/EEC
- Commission Regulation (EC) No 2023/2006 of 22 December 2006 on good manufacturing practice for materials and articles intended to come into contact with food
- Commission Regulation (EU) No 10/2011 of 14 January 2011 on plastic materials and articles intended to come into contact with food and its amendments and corrections:
 - Commission Implementing Regulation (EU) No 321/2011 of 1 April 2011 amending Regulation (EU) No 10/2011 as regards the restriction of use of Bisphenol A in plastic infant feeding bottles
 - Commission Regulation (EU) No 1282/2011 of 28 November 2011
 - Commission Regulation (EU) No 1183/2012 of 30 November 2012
 - Commission Regulation (EU) No 202/2014 of 3 March 2014
 - Commission Regulation (EU) No 2015/174 of 5 February 2015
 - Commission Regulation (EU) No 2016/1416 of 24 August 2016
 - Commission Regulation (EU) No 2017/752 of 28 April 2017
 - Commission Regulation (EU) No 2018/79 of 18 January 2018
 - Commission Regulation (EU) No 2018/213 of 12 February 2018 on the use of Bisphenol A in varnishes and coatings intended to come into contact with food and amending Regulation (EU) No 10/2011 as regards the use of that substance in plastic food contact materials
 - Commission Regulation (EU) No 2018/831 of 5 June 2018
 - Commission Regulation (EU) No 2019/37 of 10 January 2019
 - Commission Regulation (EU) No 2019/1338 of 8 August 2019
- Council Directive 82/711/EEC of 18 October 1982 laying down the basic rules necessary for testing migration of the constituents of plastic materials and articles intended to come into contact with foodstuffs. The migration limits were defined as follows:
 - GPPS: SML for monomers, other basic substances, additives and further substances:
 - Zinc stearate, CAS reg. no. 557-05-1, specific migration limit SML for zinc = 5mg/kg
 - HIPS: SML for monomers, other basic substances, additives and further substances:
 - Zinc stearate, CAS reg. no. 557-05-1, specific migration limit SML for zinc = 5mg/kg
 - Butadiene, ref. no. 13630, CAS reg. no. 000106-99-0, specific migration limit SML = 0,01 mg/kg
 - Octadecyl 3-(3,5-di-tert-butyl-4-hydroxyphenyl)propionate, ref. no. 68320, CAS reg. no. 002082-79-3, specific migration limit SML = 6 mg/kg

- Recommendation of the German Federal Institute for Risk Assessment (BfR): Recommendation V. „Polystyrene Produced exclusively from the Polymerisation of Styrene“ and recommendation VI. „Styrene Copolymers and Graft Polymers, and Mixtures of Polystyrene with other Polymers“
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC
- Commission Regulation (EC) No 1895/2005 of 18 November 2005 on the restriction of use of certain epoxy derivatives in materials and articles intended to come into contact with food (Text with EEA relevance). The above-named products do not contain (2,2-Bis(4-hydroxyphenyl)propan-bis(2,3-epoxypropyl)ether (BADGE), Bis(-hydroxyphenyl)methan-bis-(2,3-epoxypropyl)ether (BFDGE) and Novolac-Glycidylether (NOGE).
- Directive 2011/65/EU of the European Parliament and of the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment. The concerned products do not contain lead (Pb), cadmium (Cd), quicksilver (Hg), hexavalent chromium (Cr^{VI+}). Furthermore, they do not contain polybromated biphenyl (PBB) and polybromated diphenylethers (PBDE).
- European Parliament and Council Directive 94/62/EC of 20 December 1994 on packaging and packaging waste. The concentration of lead (Pb), cadmium (Cd), quicksilver (Hg) and hexavalent chromium (Cr^{VI+}) does not exceed 0,1% w/w.
- The products do not contain any substances in a concentration of more than 0,1% w/w listed as substances of very high concern (SVHC) by the European Chemicals Agency (ECHA) nor do they contain phthalates.

Please consult the corresponding regulations and directives for further information.