

Product Regulatory Summary: KeyForm P0710 (MP HP456J)

Internal Ref. Number: 1Q032, BEN8597, Version 1.1, June 2026

Global Food Contact Status:

European Union

This product complies with the relevant requirements of Regulation 1935/2004/EC (Framework Regulation) as applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

This product complies with the relevant requirements of Regulation 2023/2006/EC (GMP) and as amended, applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

This product complies with the relevant requirements of Regulation 10/2011/EC (PIM) as amended, applicable to intermediate materials (e.g. plastic powders, plastic granules or plastic flakes).

The monomers and additives used to produce this product are listed in the Union List of Authorized Substances of Regulation 10/2011/EC and subsequent amendments.

EU Regulation 10/2011/EC specifies 10 mg/dm² as the maximum overall migration (OML) from the finished plastic food contact material or article. The OML and SMLs (when applicable) should be determined according to the requirements specified in EU Regulation 10/2011/EC and subsequent amendments. The OML and SML determinations are the responsibility of the manufacturer of the finished plastic food contact material or article. In addition, we remind you that the manufacturers of the finished food contact material or article must verify that the finished material or article, manufactured according to good manufacturing practices, does not modify the organoleptic properties of the food.

SML Components

This product contains one or more components with Specific Migration Limits

(SMLs). 39815; 9,9-bis(methoxymethyl)-9H-fluorene; SML = 0.05mg/kg

This product contains traces of a substance which is regulated with a specific migration limit in EU (Commission Regulation 10/2011; Annex II). Migration tests showed a migration level significantly below the SML, thus exceeding this SML under foreseeable conditions of use involving food contact is not expected.

SML = 1 mg/kg (expressed as Aluminium)

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This product may contain minor trace levels of other metals, which are regulated with a specific migration limit in EU (Commission Regulation 10/2011 as amended; Annex II).

These metals are not intentionally added but may be present as impurity of the raw materials used. Migration tests on representative polyolefin samples showed a migration level below the SMLs, thus exceeding these SMLs under foreseeable conditions of use involving food contact is not reasonably expected.

Annex IV, Part 6 - Genotoxicity

In accordance with the requirements of Regulation 10/2011/EC (PIM), Annex IV, part 6, this product does not contain genotoxic substances which would migrate from a final material at a level exceeding 0.15 ppb in food or food simulant.

Dual Use Additives

This product contains one or more Dual Use Additives as defined in Regulation 10/2011/EC.

- ▶ E 470a Sodium salts of fatty acids
- ▶ E 470b Magnesium salts of fatty acids

United States

The base resin in this product meets the FDA requirements contained in the Code of Federal Regulations in 21 CFR 177.1520(a)(1)(i) and (c)1.1a.

This product may contain adjuvant substances that may be safely used in polymers used for the manufacture of articles that come into direct contact with food. According to our information, these substances used in this product meet the requirements of their respective FDA regulations, FCNs, and 21 CFR 177.1520(b).

This product meets the FDA criteria in 21 CFR 177.1520 for food contact applications, including cooking, listed under conditions of use A through H in 21 CFR 176.170(c), Table 2, and can be used in contact with all food types as listed in 21 CFR 176.170(c), Table 1.

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ChinaGB4806.1- 2016 Food Contact Material & Articles General Safety Requirement

This product complies with relevant requirements of GB4806.1-2016 - Food Contact Material & Articles General Safety Requirement, as applicable to Plastic Resins.

GB4806.7-2023 - National Food Safety Standard: Plastic Materials and Articles in Contact with Foodstuffs

The base resin in this product complies with the specifications established in GB4806.7-2023 "National Food Safety Standard: Plastic Materials and Articles in Contact with Foodstuffs", Appendix A.1.

No monomer(s) with SMLs are present in this base resin.

GB9685-2016 - National Food Safety Standard: Additives for use in Food Contact Materials and Articles

The additives used in this product comply with the requirement of "GB9685-2016 National Food Safety Standard: Additives for use in Food Contact Materials and Articles" and relevant approval announcements.

Additives with Specific Migration Limit (SML) or Total Specific Migration Limit (SML (T)) are not intentionally used in this product.

One or more additives with Maximum Residual (QM) specifications may be used in this product.

This product may contain a component that triggers additional substances with QM or SML restrictions, however, these additional substances are not detectable in our product.

General Remarks

GB4806.1-2016 "Food Contact Materials & Articles -General Safety Requirement" Clause 8.4, requires only the manufacturer of the finished plastic food contact article to declare compliance with OML specification.

Final plastic food contact articles may have additional compliance requirements and are the responsibility of the manufacturer of the finished plastic food article.

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Japan

Food Contact Positive Lists by Japan's Ministry of Health, Labour and Welfare(Notification No. 370 of 1959), as amended by Notification 324 published in 2023, and subsequent amendments as of May 30, 2025 (Cabinet Office Notification 95 entered into force on June 1, 2025).

The base resin of this product is listed in the Positive List of Base Polymers.

The additive(s) used in this product are listed in the Positive List of Additives authorized for use in the Base Resin(s) of this product, and do not exceed the allowed use level as specified in the Positive List of Additives, or are not subject to listing.

MERCOSUR

This product contains only monomers and/or polymers listed in Part 1 of the Annex, of MERCOSUR GMC RES. No. 2/12, Positive list of monomers and polymers to be used in packaging in contact with food.

This product contains only additives included in Table 1, of the MERCOSUR GMC RES. No. 39/19, Positive list of additives to be used in packaging in contact with food.

This product contains one or more components with LMEs (Specific Migration Limits). ANVISA

The base polymer of this product is listed in Annex II - Positive List of Polymers and Resins for Plastic Packaging and Equipment in Contact with Foodstuff of Resolution No.: 56, 16 November 2012, as amended.

This product contains only additives listed in Resolution RDC No.: 326, December 3, 2019. However, this product contains one or more components with LMEs.

Allergen

Statements

Allergen - General

This product contains no identified allergenic materials including:

Cereals containing gluten or products of these, wheat or wheat products
Dairy or dairy products, egg or egg products
Peanut or peanut products, soybean or soybean products

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Tree nut or tree nut products, seed or seed products
Fish or fish products, shellfish or shellfish products
Phenylalanine, tartrazine
Sugar, monosaccharides or disaccharides, modified cornstarch, yeast
Preservatives, artificial color, artificial flavor, sulfur dioxide or sulfites

No identified allergenic materials are present in the manufacturing facility and the product is manufactured in dedicated equipment.

Allergen - Food Allergen European Regulation 1169/2011

The food ingredients listed in Annex II of Regulation (EU) No 1169/2011, are not used in the manufacture of or formulation of this product. However, this product has not been tested for these substances.

Animal Based Raw-Materials (BSE/TSE)

Components derived from animal sources are not used in the manufacture or formulation of this product.

Biocidal Products (as defined in art.3 of Regulation (EU) No 528/2012 of 22 May 2012 as amended)

Biocidal Products (defined in art.3 of Regulation (EU) No 528/2012, 22 May 2012 and as amended, specifically as “any substance or mixture, in the form in which it is supplied to the user, consisting of, containing or generating one or more active substances, with the intention of destroying, deterring, rendering harmless, preventing the action of, or otherwise exerting a controlling effect on, any harmful organism by any means other than mere physical or mechanical action”) are not used in the manufacture of or formulation of this product. However, this product has not been tested for these substances.

Epoxy Derivatives

The materials BADGE, BFDGE or NOGE are not intentionally added in this product as referenced in Commission Regulation 1895/2005/EC, on the use of certain epoxy derivatives in materials and articles intended to come into contact with foodstuffs as plasticizers, additives or raw materials.

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Halal Certification

We do not certify our resins to be HALAL or to be in compliance with HALAL requirements.

Halogenated Compounds

Halogenated compounds are not used in the manufacture or the formulation of this product. However, this product has not been tested for these chemical materials.

Kosher Certification

We do not certify our resins to be Kosher or in compliance with Kosher requirements.

Latex

No materials containing latex or natural rubber are used in the manufacturing, handling and packaging processes for this product.

Medical**European Pharmacopeia (EP)**

This product does not meet the EP requirements for 3.1.3, Polyolefins - 7th Edition of European Pharmacopeia.

USP Class VI

This product has not been tested for USP Class VI.

Metals**Content US****CONEG**

Based on the available documentation provided by our raw material suppliers, this product complies with the CONEG Model Legislation for requirements regarding the defined limit for the sum of heavy metals (lead, mercury, cadmium and hexavalent chromium).

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EU Packaging and Packaging Waste

Based on the available documentation from raw materials suppliers, this product complies with the directive 94/62/EC and as amended concerning the defined limit(s) of heavy metals.

Heavy Metals Testing

Testing of resins similar to this product has shown the following metals are not present at the sensitivities listed in parenthesis: antimony(3 ppm), arsenic(2 ppm), barium(2 ppm), cadmium(1 ppm), chromium(1 ppm), lead(2 ppm), mercury(0.01 ppm), selenium(3 ppm), silver(1 ppm).

End of Life Vehicle

To the best of our knowledge, based on the available documentation from raw materials suppliers, we deem that this product complies with the directive 2000/53/EC and its following amendments as concerns the defined limit(s) of heavy metals.

Restriction of Hazardous Substances in Electric and Electronic Equipment (RoHS)

RoHS Regulation refers to electrical and electronic equipment and not specifically to plastic raw materials. However, based on the available documentation from raw materials suppliers, this product complies with the requirements of the Directives 2002/95/EC and 2011/65/EU, as amended, concerning the limits of cadmium, lead, mercury, hexavalent chromium, polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), bis(2-ethylhexyl)phthalate (DEHP), butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and diisobutyl phthalate (DIBP).

Nanomaterials

Nanomaterials (defined as natural, incidental or manufactured materials containing particles, in an unbound state or as an aggregate or as an agglomerate and where, for 50 % or more of the particles in the number size distribution, one or more external dimensions is in the size range 1 nm - 100 nm) are not used in the manufacture of or the formulation of this grade. However, this product has not been tested for these chemical substances.

Other Chemicals

The chemical materials listed below are not intentionally used in the manufacture or the formulation of this product. However, this product has not been tested for these chemical materials.

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- ▶ 2-(2H-1, 2, 3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol; (Benzotriazole); CAS# 3846-71-7;
- ▶ 2,4,4'-trichloro-2'-hydroxydiphenyl ether; (Triclosan); CAS# 3380-34-5
- ▶ 2,4,6-Tri-tert-butylphenol; (2,4,6-TTBP); CAS# 732-26-3
- ▶ 2-mercaptobenzothiazole; MBT; CAS# 149-30-4;
- ▶ Acrolein; (propenal); (CAS# 107-02-8);
- ▶ Acrylamide; CAS# 79-06-1;
- ▶ Aromatic amines;
- ▶ Asbestos;
- ▶ Azo Dyes and Pigments;
- ▶ Polyaromatic Hydrocarbons - PAHs:
 - 1,2-dihydro-acenaphthene; (CAS# 83-32-9);
 - Acenaphthylene; (CAS# 208-96-8);
 - Anthracene; (CAS# 120-12-7);
 - Benz(a)anthracene; (CAS# 56-55-3);
 - Benzo(a)pyrene; (CAS# 50-32-8);
 - Benzo(b)fluoranthene; (CAS# 205-99-2);
 - Benzo(e)pyrene; (CAS# 192-97-2);
 - Benzo(ghi)perylene; (CAS# 191-24-2);
 - Benzo(j)fluoranthene; (CAS# 205-82-3);
 - Benzo(k)fluoranthene; (CAS# 207-08-9);
 - Chrysene; (CAS# 218-01-9);
 - Dibenz(a,h)anthracene; (CAS# 53-70-3);
 - Fluoranthene; (CAS# 206-44-0);
 - Indeno(1,2,3-cd)pyrene; (CAS# 193-39-5);
 - Naphthalene; (CAS# 91-20-3);
 - Phenanthrene; (CAS# 85-01-8);
 - Pyrene; (CAS# 129-00-0);
- ▶ Benzophenone; CAS RN 119-61-9;
- ▶ BPA and other Bisphenols including B, C, E, F, G, M, P, S, T and Z;
 - ▶ Bisphenol A; (BPA); CAS# 80-05-7;
 - ▶ Bisphenol A diglycidyl ether; (BADGE); CAS# 1675-54-3;
 - ▶ Bisphenol F diglycidyl ether; BFDGE; CAS# 2095-03-6;
- ▶ Butylated hydroxyanisole; (BHA); CAS# 121-00-6 & 25013-16-5;
- ▶ Butylated hydroxytoluene; (BHT); CAS# 128-37-0

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- ▶ Chlorinated flame retardants;
- ▶ Chlorinated paraffins;
- ▶ Cobalt;
- ▶ Cyanuric acid; (Isocyanuric Acid or CYA); CAS# 108-80-5;
- ▶ Decabromodiphenylether; (DecaBDE); CAS 1163-19-5
- ▶ Dimethyl fumarate; (DMF); CAS# 624-49-7;
- ▶ Dioxins;
- ▶ Epichlorohydrin; (ECH); CAS# 106-89-8;
- ▶ Fluorocarbons;
- ▶ Fluorotelomers
- ▶ Formaldehyde; CAS# 50-00-0;
- ▶ Gold(Au); CAS# 7440-57-5;
- ▶ Halogenated Flame Retardants
- ▶ Hexachlorobutadiene; HCBd; CASRN: 87-68-3
- ▶ Isopropylthioxanthone (ITX); CAS 5495-84-1
- ▶ Melamine; (1,3,5-Triazine-2,4,6-triamine); CAS# 108-78-1;
- ▶ Mica
- ▶ Nickel; CAS# 7440-02-0;
- ▶ Nitrosamines;
- ▶ Nonylphenol; CAS# 25154-52-3;
- ▶ Nonylphenol ethoxylates;
- ▶ Novolac glycidyl ether;
- ▶ Organotin compounds;
- ▶ Perfluorochemicals; (PFCs);
- ▶ Pentachlorothiophenol (PCTP); CASRN: 133-49-3
- ▶ Phenol, isopropylated phosphate (3:1); (PIP (3:1)); CASRN: 68937-41-7
- ▶ Perfluoroalkylated and Polyfluoroalkylated Substances; PFASs;

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- ▶ Perfluorooctane sulfonate; (PFOS); CAS# 1763-23-1;
- ▶ Perfluorooctanoic acid; (PFOA); CAS# 335-67-1;
- ▶ Plasticizers:
 - DINCH; 1,2-Cyclohexanedicarboxylic acid, 1,2-diisononyl ester; CASRN: 166412-78-8;
 - DEHA; Bis(2-ethylhexyl) adipate; CASRN: 103-23-1;
 - BTHC; Butyryl tri-n-hexyl citrate; CASRN: 82469-79-2;
 - TOTM; Tris(2-ethylhexyl)benzene-1,2,4-tricarboxylate; CASRN: 3319-31-1;
 - DINP; Diisononyl Phthalate; CASRN: 28553-12-0;
 - DEHP; di(2-ethylhexyl) phthalate
 - DOP; di-octyl phthalate; CASRN: 117-81-7;
 - DIDP; di-iso-decyl phthalate; CASRN: 26761-40-0;
 - DBP; di-butyl phthalate; or DNBP; di-n-butyl phthalate; CASRN 84-74-2;
 - BBP; butyl benzyl phthalate; CASRN 85-68-7;
 - DNOP; di-n-octyl phthalate; CASRN: 117-84-0;
- ▶ Glycerides, castor-oil mono-, hydrogenated, acetates; CASRN: 736150-63-3;
- ▶ Polybrominated biphenyls; (PBBs);
- ▶ Polybrominated diphenyl ethers; (PBDEs);
- ▶ Polybrominated terphenyls; (PBTs);
- ▶ Polychlorinated biphenyls; (PCBs);
- ▶ Polychlorinated naphthalenes; (PCNs);
- ▶ Polychlorinated terphenyls; (PCTs);
- ▶ Polystyrene;
- ▶ Polyvinyl chloride; (PVC); CAS# 9002-86-2;
- ▶ Polyvinylidene chloride; CARN 9002-85-1; PVdC;
- ▶ Radioactive substances;
- ▶ Styrene monomer; CAS# 100-42-5;
- ▶ Tris-nonylphenol phosphite; (TNPP); CAS# 26523-78-4;
- ▶ Vinyl chloride monomer; CAS RN 75-01-4; VCM
- ▶ MOAH; Mineral Oil Aromatic Hydrocarbons;

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Phthalates

Polyolefins do not require the use of plasticizers (such as phthalates) to make them soft and flexible. Velogy does not add phthalates to its polyolefin products as plasticizers. However, traces of phthalates may be present in some products as impurities from the catalytic system.

Ozone Depleting Substances

United States

Materials listed in the Clean Air Act Amendments of 1990 (Class I, CFC's and Class II, HCFC's, Halons and the solvents, carbon tetrachloride and 1,1,1-trichloroethane) are not intentionally used in the production of this product.

Montreal Protocol

ODCs listed in the Montreal Protocol are not used in the manufacture of or formulation of this product.

Persistent Organic Pollutants - POPs Commission Regulation (EU) 2019/1021

The chemical materials listed below are not used in the manufacture or the formulation of this product and are not expected to be present. However, this product has not been tested for these chemical materials.

Compounds covered under Commission Regulation (EU) EC No.: 2019/1021, and as amended on Persistent Organic Pollutants (POPs).

Global Toy Regulations

CEN EN Standards refer to safety of toys and not specifically to plastic raw materials. According to the information provided by our raw material suppliers, we deem this product should comply with the requirements of CEN standards EN71-3 / EN71-9 (as amended) as applicable to plastic raw materials (pellets, powder, flakes). However, this product has not been tested according to these CEN Standards.

We have reviewed Standard Consumer Safety Specification of Toy Safety: ASTM F-963-2017. It appears that Section 4.3.5 applies to paints or similar coatings, and accessible parts of toys, and section

8.3 describes corresponding testing protocol. Metal elements mentioned in Section 4.3.5 are not intentionally used in the production or formulation of this product.

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