

Regulatory Datasheet – ABS Standardtype Virgin

Product Information

Allergens

To the best of manufacturers knowledge, there are no raw materials, including additives, that have their origin in peanuts, soybeans, milk, eggs, fish, shellfish, tree nuts, and/or wheat or gluten. This evaluation is based on information provided by the raw material and additive suppliers. Therefore, although the manufacturer believes this product to be free of the specified known allergy stimulating food substances, but cannot guarantee this.

Animal Derived Components

To the best of manufacturers knowledge, this product is not intentionally manufactured or formulated with ingredients of animal origin.

Conflict Minerals

The manufacturer does not use conflict minerals in manufacturing its products. Conflict minerals are not necessary to the “functionality or production” of the products. Based on the information manufacturer has to date, the manufacturer is not aware of any conflict minerals sourced from the DRC or adjoining countries in the supply chain.

Heavy Metals & CONEG

The heavy metals Cadmium, Lead, Mercury and Hexavalent Chromium are not used in the formulation of this material.

Samples, representative of the above named product have been analysed for the presence of above named elements. These substances could not be detected. The sensitivity of the methods used for the analysis is 5 ppm.

Persistent Organic Pollutants (POPs)

In response to the request for information regarding chemicals listed by the Stockholm Convention on Persistent Organic Pollutants (POPs Treaty), the above mentioned product is not manufactured or formulated with the below substances which are currently listed in Annex A, B and C on the following website:

[hüp://chm.pops.int/Convention/ThePOPs/tabid/673/language/enUS/Default.aspx](http://chm.pops.int/Convention/ThePOPs/tabid/673/language/enUS/Default.aspx)

- Aldrin
- Alpha hexachlorocyclohexane
- Beta hexachlorocyclohexane
- Chlordane
- Chlordecone
- DDT
- Dieldrin
- Endrin
- Heptabromodiphenyl ether
- Heptachlor
- Hexabromobiphenyl
- Hexabromodiphenyl ether
- Hexachlorobenzene (HCB)
- Lindane
- Mirex

- Pentabromodiphenyl ether
- Pentachlorobenzene
- Perfluorooctane sulfonic acid, its salts
- Perfluorooctane sulfonyl fluoride
- Polychlorinated biphenyls (PCB)
- Polychlorinated dibenzofurans (PCDF)
- Polychlorinated dibenzo-p-dioxins (PCDD)
- Technical endosulfan and its related isomers
- Tetrabromodiphenyl ether
- Toxaphene

Substances / Compounds

This product is not intentionally manufactured or formulated with the below substances or compounds; however, the manufacturer does not analyze for these specific substances or compounds.

- Asbestos
- Azo colorants containing certain amines
 - 0-anisidine (CAS # 90-04-0)
 - 2-naphthylamine (CAS # 91-59-8)
 - 3,3'-dichlorobenzidine (CAS # 91-94-1)
 - Biphenyl-4-ylamine (CAS # 92-67-1)
 - Benzidine (CAS # 92-87-5)
 - 0-toluidine (CAS # 95-53-4)
 - 4-chloro-o-toluidine (CAS # 95-69-2)
 - 4-methyl-m-phenylenediamine (CAS # 95-80-7)
 - 0-aminoazotoluene (CAS # 97-56-3)
 - 5-nitro-o-toluidine (CAS # 99-55-8)
 - 4,4'-methylene-bis-(2-chloroaniline) (CAS # 101-14-4)
 - 4,4'-methylenedianiline (CAS # 101-77-9)
 - 4,4'-oxidianiline (CAS # 101-80-4)
 - 4-chloroaniline (CAS # 106-47-8)
 - 3,3'-dimethoxybenzidine (CAS # 119-90-4)
 - 3,3'-dimethylbenzidine (CAS # 119-93-7)
 - 6-methoxy-m-toluidine (CAS # 120-71-8)
 - 2,4,5-trimethylaniline (CAS # 137-17-7)
 - 4,4'-thiodianiline (CAS # 139-65-1)
 - 4-methoxy-m-phenylenediamine (CAS # 615-05-4)
 - 4,4'-methylenedi-o-toluidine (CAS # 838-88-0)
 - 4-amino azobenzene (CAS # 60-09-3)
 - Amixture of: disodium (6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)(1-(5-chloro-2-oxidophenylazo)-2-naphtholato)chromate(1-); trisodium bis(6-(4-anisidino)-3-sulfonato-2-(3,5-dinitro-2-oxidophenylazo)-1-naphtholato)-chromate(1-)
- Organostannic compounds
 - Dibutyltin (DBT)
 - Dioctyltin (DOT)
 - Tributyltin oxide (TBTO)
 - Tributyltin (TBT)
 - Triphenyltin (TPT)
- Phthalates
 - Butyl benzyl phthalate (BBP) (CAS # 85-68-7)
 - Dibutylphthalate (DBP) (CAS # 84-74-2)
 - Bis(2-ethylhexyl) phthalate (DEHP) (CAS # 117-81-7)
 - Di-iso-decyl phthalate (DIDP) (CAS # 68515-49-1, 26761-40-0)
 - Di-isononyl phthalate (DINP) (CAS # 28553-12-0, 68515-48-0)
 - Di-n-octyl phthalate (DnOP) (CAS # 117-84-0)
 - Diisobutyl phthalate (DIBP) (CAS # 84-69-5)
 - Di-n-hexyl phthalate (DNHP) (CAS # 84-75-3)
 - 1,2-Benzenedicarboxylic, di-C6-8-branched alkyl esters, C7-rich (DIHP) (CAS # 71888-89-6)
 - 1,2-Benzenedicarboxylic, di-C7-11-branched and linear alkyl esters (DHNUP) (CAS # 68515-42-4)
 - Bis(2-methoxyethyl) phthalate (DMEP) (CAS # 117-82-8)

- n-Pentyl-isopentylphthalate (CAS # 84777-06-0)
- Di-n-pentyl phthalate (DPP) (CAS # 131-18-0)
- Diisopentylphthalate (DIPP) (CAS # 605-50-5)
- Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers (DBBT) (CAS# 99688-47-8)
- Monomethyl-dichloro-diphenyl methane (Ugilec 121)
- Monomethyl-tetrachloro-diphenyl methane (Ugilec 141) (CAS # 76253-60-6)
- Polychlorinated biphenyls (PCBs)
- Polychlorinated terphenyls (PCTs)
- Tris(aziridinyl)phosphin oxide (TEPA) (CAS# 545-55-1)
- Tris (2,3-dibromopropyl) phosphate (TRIS) (CAS# 126-72-7)
- Tris (aziridinyl) phosphin oxide (CAS # 545-55-1)
- Tri-o-cresyl phosphate (CAS # 78-30-8)
- Tris(2-chloroethyl) phosphate (CAS # 115-96-8)
- Tris (1,3-dichloro-2-propyl) phosphate (CAS # 13674-87-8)
- Tris(2-chloro-1-methylethyl) phosphate (CAS # 13674-84-5)
- Polycyclic Aromatic Hydrocarbons (PAHs)
 - Acenaphthylene (CAS # 208-96-8)
 - Acenaphthene (CAS # 83-32-9)
 - Anthracene (CAS # 120-12-7)
 - Benzo[a]anthracene (CAS # 56-55-3)
 - Benzo[a]phenanthrene or chrysene (CAS # 218-01-9)
 - Benzo[a]pyrene (CAS # 50-32-8)
 - Benzo[b]fluoranthene (CAS # 205-99-2)
 - Benzo[e]pyrene (CAS # 192-97-2)
 - Benzo[g,h,i]perylene (CAS # 191-24-2)
 - Benzo[j]fluoranthene (CAS # 205-82-3)
 - Benzo[k]fluoranthene (CAS # 207-08-9)
 - Benzo[j,k]fluorene or fluoranthene (CAS # 206-44-0)
 - Dibenzo[a,h]anthracene (CAS # 53-70-3)
 - Fluorene (CAS # 86-73-7)
 - 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)
- Dimethylfumarate (DMF) (CAS # 624-49-7)
- Pentachlorophenol (PCP) (CAS # 87-86-5)
- 1,2,4-Trichlorobenzene
- Formaldehyde (CAS # 50-00-0)
- Lead and its compounds
- Ozone depleting substances (ODS)
- Perfluorooctane sulfonates (PFOS) and PFOS salts
- Perfluorooctanic acid (PFOA) and esters
- Sulfur hexafluoride
- Polychlorinated and polybrominated dioxins and furans
- Radioactive substances
- Polychlorinated naphthalenes
- Short-chain chlorinated paraffins, C10-13 (SCCPs)
- Nonylphenols and Nonylphenol ethoxylates
- Antimony and its compounds
- Antimony trioxide
- Arsenic and its compounds
- Beryllium and beryllium oxide
- Nickel and its compounds
- Brominated flame retardants
- Chlorinated flame retardants
- Polyvinyl chloride (PVC) and PVC blends
- Fluorinated greenhouse gases
 - Perfluorocarbon (PFC)
 - Hydrofluorocarbon (HFC)

- Sulfuric fluoride (CAS # 2551-62-4)
- Hexabromocyclododecane (HBCDD)
- Natural Rubber Latex (CAS # 9006-04-6)
- 2-(3',5'-Di-tert-butyl-2'-hydroxyphenyl)benzotriazole (CAS# 3846-71-7)
- Perchlorates
- Bisphenol-A (CAS # 80-05-7)

North America Regulations

FDA Food Contact Status

Food Additive Regulation U.S. FDA 21 CFR 181.32 provides for the use of acrylonitrile copolymers, such as this resin, as articles or components of articles intended for use in contact with food with certain prescribed conditions. An important condition is that tests be performed using the finished food-contact article in order to determine acrylonitrile monomer extraction.

In the case of styrene-acrylonitrile copolymers for repeated-use, the limitation for acrylonitrile extraction for finished food-contact articles is 0.003 mg/square inch when extracted at a time equivalent to initial batch usage utilizing food-simulating solvents and temperature appropriate to the intended conditions of use. The manufacturer has conducted extraction studies using laboratory test specimens exposed to food simulating solvents. The manufacturer has concluded that this resin will comply with 21 CFR 181.32(a) (3) (ii) when used in rigid and semi-rigid food-contact articles at temperatures below 212 degF. The uses cited above are subject to good manufacturing practices and any limitations, which are part of the regulations. The regulations should be consulted for complete details.

Europe Regulations

CMR Substances

To the best of manufacturer knowledge, this product in the form as supplied does not contain substances classified as carcinogenic, mutagenic or toxic for reproduction of category 1A, 1B or 2 according to the criteria of Regulation (EC) No. 1272/2008, above the threshold concentrations defined in sections 3.5.3.1, 3.6.3.1 and 3.7.3.1 of Annex I. The manufacturer kindly reminds that for information on the components of the products and their concentration, you can refer to the Safety Data Sheet (SDS) and the Sales Specification. Any hazardous constituent at or above 1% (by weight) and any special hazardous substance with a lower reporting threshold (e.g. substances classified as carcinogens of category 1 and 2 in Europe) will appear in the ingredients section of the SDS for these products as required.

94/62/EC Packaging and Packaging Waste

EU-Directive 94/62/EC on packaging and packaging waste, "Essential re-quirements", including updates (Directive 2015/720/EU of 29 April 2015), enacted in the EU Member States, requires that packaging placed on the market conforms to a number of essential requirements. This information is provided in order to support the assessment of the conformity of materials and components used in packaging.

1 – Heavy metals (Article 11)

The heavy metals lead, cadmium, mercury and hexavalent chromium have not been intentionally added to the above mentioned resins. Representative samples have been analysed for the presence of above named elements. These substances could not be detected. The sensitivity of the methods used for the analysis is 5 ppm. The above named product complies with the concentration levels of heavy metals specified in Article 11, item 1 of this EU-Directive.

2 – Essential requirements (Article 9, Annex II)

The above named resin is manufactured such that the essential requirements of Annex II which relate to the composition of materials used for the manufacture of packaging can be met. Clean and uncontaminated waste from this resin can be recovered in the form of material recycling. The resin is suited for energy recovery. Recovery of these polymers via composting or biodegradation is not possible.

2000/53/EC End of Life Vehicle

The EU Directive 2000/53/EC (as amended by 2013/28/EU on 17 May 2013) lays down measures which aim, as a first priority, at the prevention of waste from vehicles and, in addition, at the reuse, recycling and other forms of recovery of end-of life vehicles and their components so as to reduce the disposal of waste. This product is not formulated with lead, mercury, cadmium or hexavalent chromium. The manufacturer does not routinely analyse for these heavy metals, nor are they known to be present above the reporting threshold.

Regulation (EC) No 1005/2009 Ozone Depleting Substances

This product is not formulated with ozone depleting substances as defined in Annex I and II of REGULATION (EC) No 1005/2009 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 September 2009. (as amended by Commission Regulation (EU) No 744/2010 of 18 August 2010 and Commission Regulation (EU) No 1087/2013 and 1088/2013 of 4 November 2013).

EU Toy Directive 2009/48/EC

The DIRECTIVE 2009/48/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 June 2009 on the safety of toys (Amended by: Commission Regulation (EU) No 84/2014 of 30 June 2014) is applicable for toys. This product is a polymer resin, which is not directly covered by this legislation. The only relevant part for resin producer is Annex II section III. Chemical Properties and Appendix B Classification of Substances and Mixtures.

The product is not classified as described in Appendix B.

The product does not containing Substances as listed in Annex II section III section 11, 12 and 13.

EU Food Contact

The composition of this product complies with the requirements for use in contact with food according to the COMMISSION REGULATION (EU) No 10/2011. Contact us to obtain a detailed food contact compliance letter for this product. Such a letter covers the food contact status in the various European Countries and in addition gives information about the imposed migration requirements.

RoHS

This is to inform that the above mentioned product, to the best of manufacturers knowledge, is not intentionally manufactured or formulated with the following substances listed in Article 4(1) of the EU Directive 2011/65/EC (RoHS (amended by COMMISSION DELEGATED DIRECTIVE (EU) 2015/863 of 31 March 2015)):

- Heavy metals (like cadmium, hexavalent chromium, lead and mercury)
- Polybrominated Biphenyls (PBB)
- Polybrominated Diphenyl Ethers (PBDE)
- Bis(2-ethylhexyl) phthalate (DEHP)
- Butyl benzyl phthalate (BBP)
- Dibutyl phthalate (DBP)
- Diisobutyl phthalate (DIBP)

Therefore, the product listed above is in compliance with the requirements of Article 4.1 of the EU Directive 2011/65/EC. However, please be advised that the manufacturer does not routinely analyze the materials for these substances.

WEEE

Directive 2012/19/EU, requires that the formation of waste from electric and electronic equipment is reduced and properly managed. This statement is intended to provide information on the product(s) so that you may assess the consequences of these directives on the E&E articles you manufacture and place on the EU market, or materials you supply to the affected industry.

Directive 2012/19/EU on WEEE: Selective treatment of the waste (Article 8 and Annex VII).

Article 8 requires that the waste management schemes (to be) set up by the producers, individually or collectively, ensure that the waste will be selectively treated for materials and components of the E&E waste in line with the requirements of Annex VII.

None of the following substances listed in Annex VII are intentionally added or used in formulation of the above mentioned resin(s):

- Asbestos
- Brominated flame retardants
- Chlorofluorcarbons (CFC), hydrochlorofluorcarbons (HCFC), hydrofluorcarbons (HFC), hydrocarbons (HC)
- Mercury
- Polychlorinated biphenyls,
- Radioactive substances
- Refractory ceramic fibres

Please note that this declaration is only valid for prime products, natural.

If you have any further questions, please do not hesitate to contact us.

With best regards

Universal Polythex Kunststoffe GmbH