January 21, 2022

David.d
Ponci trading Ltd
Room 908, JiaZheng International Building, No.28, Moyu Road,
Anting Town, Jiading District, Shanghai 201805,P.R.C

Hostacom 1202 1056

A product of Basell Advanced Polyolefins (Thailand) Co., Ltd.

Dear David.d:

The following is in response to your request for Product Stewardship Information (PSInfo) for the product listed above. The attached Product Stewardship Bulletin (PSB) details the regulatory status of this product.

LyondellBasell Industries responds to product stewardship requests with a standardized Product Stewardship Bulletin (PSB) which summarizes the global regulatory status of a product. LyondellBasell Industries will not complete customers' forms or questionnaires. Standardized responses provide each customer with consistent information in a timely fashion. Each request is reviewed to ensure our response documents provide relevant information.

Please note that compliance with these regulations should not be interpreted to guarantee that the product, will, in fact, perform in a particular application. Your Technical Service Representative can help you determine that the characteristics of the product are compatible with the desired conditions of use.

Should you have any further questions concerning a LyondellBasell product, or if we can assist in any other way, please do not hesitate to contact us.

Best regards,

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Product Stewardship Bulletin

Hostacom 1202 1056

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IMDS Information

The companies of LyondellBasell enter data into IMDS directly to assist automobile companies in the recycling effort, to confirm the compliance of products manufactured by LyondellBasell companies with the heavy metals article of the EU End of Life Vehicle (ELV) Directive, and to declare the presence of substances listed in the Global Automotive Declarable Substances List (GADSL) if required.

Note: LyondellBasell does not send MDS reports to customer recipient ID numbers. Our product MDSs are in a “Published” state accessible to every IMDS user through the IMDS website.

Please use the following IMDS ID-No. for your reference:

IMDS# 45901012

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).

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.

- 2-(2H-1, 2, 3-Benzotriazol-2-yl)-4,6-di-tert-butylphenol; (Benzotriazole); CAS# 3846-71-7;
- Ammonium perfluorooctanoate; APFO; CASRN 3825-26-1

- Asbestos;
- Azo Dyes and Pigments;
- Polyaromatic Hydrocarbons - PAHs:

  1,2-dihydro-acenaphthene; (CAS# 83-32-9);
  9H-Fluorene; (CAS# 86-73-7);
  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);
  Dibenzo(a,h)anthracene; (CAS# 53-70-3)
  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);
- Bisphenol A; (BPA); CAS# 80-05-7;
- Chlordecone; CASRN: 143-50-0
- Chlorinated paraffins;
- Chlorinated Polyethylene
- Dimethyl fumarate; (DMF); CAS# 624-49-7;
- Flame Retardants;
- Formaldehyde; CAS# 50-00-0;
- Halogenated Flame Retardants
- Heavy metals
- Heptabromodiphenyl ether; CASRN: 68928-80-3
- Hexabromobiphenyl; CASRN: 36355-01-8; HBB;
- Hexabromodiphenyl ether; CASRN: 36483-60-0
- Hexabromocyclododecane; CAS RN 25637-99-4; HBCDD
- Hexachlorobutadiene; CASRN: 87-68-3
- Hydrochlorofluorocarbons (HCFCs)
- Japan PDSCL:

  Substances listed in Japan Poisonous and Deleterious Substances Control Law (PDSCL)

- Japanese Chemical Substances Control Law:

  Substances listed in Japan Chemical Substances Control Law (CSCL)
- Organotin compounds;
- Organochlorine compounds
- Ozone Depleting Substances
- Pentabromodiphenyl ether; CAS RN 32534-81-9; penta-BDE
- Pentachlorobenzene; CASRN: 608-93-5
- Perfluorooctane sulfonate; (PFOS); CAS# 1763-23-1;
- Perfluorooctanoic acid; (PFOA); CAS# 335-67-1;
- Polychlorinated biphenyls; (PCBs);
- Polychlorinated naphthalenes; (PCNs);
- Polychlorinated terphenyls; (PCTs);
- Tetrabromodiphenyl ether; CASRN: 40088-47-9
- Substances listed in Notification G.S.R.207 (E) of the Ministry of Environment, Forest And Climate Change, dated 5th March, 2018, as amended.

Phthalates

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

REACh Information

REACh Substances of Very High Concern (SVHC)

This product does not contain any of the Annex XIV substances on the Authorisation list or Annex XIV candidate chemicals proposed to be Substances of Very High Concern for Authorisation (List as of January 17, 2022) above the 0.1 % threshold as stated in REACH (Article 57, Regulation No. 1907/2006) determined either through (i) non-use of the substance, (ii) mass balance calculation, or (iii) specific testing. The current list of all SVHCs can be found at ECHA website link listed below:

https://www.echa.europa.eu/candidate-list-table

Disclaimer

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Information in this document is accurate to the best of our knowledge at the date of publication. The document is designed to provide users general information for safe handling, use, processing, storage, transportation, disposal and release and does not constitute any warranty or quality specification, either express or implied, including any warranty of merchantability or fitness for any particular purpose. Users shall determine whether the product is suitable for their use and can be used safely and legally.

In addition to any prohibitions of use specifically noted in this document, LyondellBasell may further prohibit or restrict the sale of its products into certain applications. For further information, please contact a LyondellBasell representative.

Trademarks

The Trademark referenced within the product name is owned or used by the LyondellBasell family of companies.