



PETROCHEMICALS (MALAYSIA) SDN. BHD.

(Company Registration No: 12215-H)
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QUALITY ASSURANCE DEPARTMENT

Date : 27/03/2018
To : **TO WHOM IT MAY CONCERN**
Control No EXT-QA-18-014

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Dear Sir/Madam,

SUBJECT : PRODUCT REGULATORY STATEMENT

Idemitsu PS Grade	HIPS IT43,IT45,HT50,HT52,HT57M,ET60,CT60,ET63,ET65,MS500,HT550,HT552 All Color for SEHI-101, SEHI-125, NS-100, NS-221, HT-50, HT-57M, MS-500 & Masterbatch
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REACH (Regulation (EC) No 1907/2006)

REACH Registration Status : Idemitsu PS Product is exempted for REACH registration.

Products of Idemitsu PS are considered as Polymers and therefore is **exempted** from the provision of registration under REACH Article 2(9). However, the styrene and butadiene which are monomer of polystyrene have to register and registration of the monomer (styrene and butadiene) have been completed with ECHA.

Substances of Very High Concern (SVHC)

Petrochemicals is constantly monitoring SVHC defined as "The first candidates for authorization" under REACH regulation. The publication of SVHC list is an on-going process where the complete list of SVHC is released in stages. At this moment Petrochemicals is monitoring up to SVHC V018 that contained 181 items.

The up to date information of SVHC list is available at

<https://echa.europa.eu/candidate-list-table>

Idemitsu PS natural product do not formulated with this SVHC substances while Idemitsu FR-PS products graded SEHI-101, NS-221, SEHI-125 and NS-100 contains Diarsenic Trioxide residue due to impurity of the raw materials used for the product. The maximum Diarsenic Trioxide by theoretically calculation is 30ppm.

RoHS

Idemitsu PS Products do not formulated with any of the hazardous substances under RoHS Directives (EU) 2015/863 into the production process.

The hazardous substances listed in RoHS under provision of Directive 2002/95/EC and the subsequence amendment to Annex II dated 2015 are not formulated into the process of production for Idemitsu PS grades. The amendment on ANNEX II dated March 2015 add additional restriction use of DEHP as listed below will become effective only after 2019.

Prohibited 10 substances of "RoHS Directive"	Max. Threshold Limit
(1) Cadmium and its compounds	< 100 ppm (0.01%)
(2) Hexavalent Chromium and its compounds	< 1000 ppm (0.1%)
(3) Lead and its compounds	< 1000 ppm (0.1%)
(4) Mercury and its compounds	< 1000 ppm (0.1%)
(5) Polybrominated Biphenyls (PBBs)	< 1000 ppm (0.1%)
(6) Polybrominated Diphenyl Ethers (PBDEs)	< 1000 ppm (0.1%)
(7) Bis(2-ethylhexyl) phthalate (DEHP)	< 1000 ppm (0.1%)
(8) Butyl benzyl phthalate (BBP)	< 1000 ppm (0.1%)
(9) Dibutyl phthalate (DBP)	< 1000 ppm (0.1%)
(10) Diisobutyl phthalate (DIBP)	< 1000 ppm (0.1%)

No attempt will be made to verify content by 3rd. parties. The information provided by Petrochemicals (M) Sdn. Bhd. is the "best effort" using survey information from suppliers and published data.

Food Safety

US Food and Drug Administration (FDA; Title 21 Food and Drugs of CFR section 177.1640)

Among Idemitsu PS Products; ET60, ET63, HT57M and HT552 meet the requirement of FDA for polystyrene and rubber-modified polystyrene used as component in articles intended for use in contact with food.

National Food Safety Standard - China GB4806-2016

Idemitsu PS products is categorized as "styrene, polymer with monomer butadiene" CAS # 9003-55-8 under GB4806.16-2016 Table A-1 Allowable Plastic Resin and their Using Requirement. The requirement of China Food contact are QM for monomer butadiene: 1mg/kg (maximum residue quantity) while SML requirement is ND (Specific migration limit). Content of Idemitsu PS all products has <1mg/kg of residue raw material in the product.

With refer to use of additives for food contact materials and articles in Food Contact Standard GB9685-2016, Idemitsu PS products do not use this stabilizer; TNPP (Tris(nonylphenyl) phosphite); CAS#26523-78-4 in the production process. To the best of our knowledge and based on the information available to us, no nonylphenol substance shall contain in the product.

Additional information of Safety and health aspects is available in SDS of the product. Should you have any inquiry, please do not hesitate to contact the undersigned.

Yours sincerely,

for PETROCEMICALS (M) SDN. BHD.

PETROCHEMICALS (M) SDN. BHD.
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PASIR GUDANG, MALAYSIA


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