
September 15, 2024

To : Whom it may concern

Mitsubishi Engineering-Plastics Corp.
Environment & Quality Assurance DepartmentTHAI POLYCARBONATE CO.,LTD.
QC-RD Department**RoHS Compliance Declaration**

1. Survey target product

Iupilon™ S-3001R **Color: 5313,5355**

2. Survey target substances

RoHS 2011/65/EU 10 substances

1. Cadmium and Its Compounds (Cd)	Less than 100 ppm
2. Lead and its Compounds (Pb)	Less than 1000 ppm
3. Mercury and its Compounds (Hg)	Less than 1000 ppm
4. Hexavalent Chromium and its Compounds (Cr6+)	Less than 1000 ppm
5. Polybrominated biphenyls (PBB)	Less than 1000 ppm
6. Polybrominated diphenylether (PBDE)	Less than 1000 ppm
7. Bis(2-Ethylhexyl) phthalate (DEHP)	Less than 1000 ppm
8. Benzyl butyl phthalate (BBP)	Less than 1000 ppm
9. Dibutyl phthalate (DBP)	Less than 1000 ppm
10. Diisobutyl phthalate (DIBP)	Less than 1000 ppm

3. Survey result

All products of Mitsubishi Engineering-Plastics Corp. comply with the concentration requirements for the following 10 substances, laid down in "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 (recast)" and repealing "Directive 2002/95/EC" as amended, and amended by "Directive 2015/863/EU" of 4 June 2015

Note: This document was issued based on currently available information, and there is no guarantee regarding the future validity of the stated items.

Sincerely yours,

Ninnala S. (for)
Ms.Milintra Pokaew
Sr.QA.Section Manager.
THAI POLYCARBONATE CO.,LTD.

 **Mitsubishi Engineering-Plastics Corp.**

Shiodome Sumitomo-Bldg, 25F, 9-2, Higashi-Shinbashi
1-Chome, Minato-ku, Tokyo 105-0021, Japan

September 15, 2024

To : Whom it may concern

Mitsubishi Engineering-Plastics Corp.
Environment & Quality Assurance Department

THAI POLYCARBONATE CO.,LTD.
QC-RD Department

Declaration of substances non use

1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

REGULATION (EU) 2019/1021 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 20 June 2019
on persistent organic pollutants (recast) in ANNEX I Part A
Substances listed in the Convention and in the Protocol as well as substances listed only in the Convention

3. Survey result

Above mentioned product are in compliance with mentioned target substances.

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the future validity of the stated items.

Sincerely yours,

Ninnala S. (for)
Ms.Milintra Pokaew
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Declaration of substances non use

1.Survey target product

Iupilon^{1M} **S-3001R** **Color: 5313,5355**

2. Survey target substances

Global Automotive Declarable Substance List, GADSL REFERENCE LIST 2024 (Version 1.0, 01/02/2024)

3. Survey result

Above mentioned products do not intentionally use for the production as mentioned in above survey target substances.

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1. Survey target product

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2. Survey target substances

PBT chemicals under Regulation of Persistent Bioaccumulative and Toxic Chemicals under TSCA section 6(h)

No	Chemical Name	CAS No.
1	Decabromodiphenyl Ether (DecaBDE)	1163-19-5
2	2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	732-26-3
3	Hexachlorobutadiene (HCBD)	87-68-3
4	Phenol, Isopropylated Phosphate (3:1) (PIP 3:1)	68937-41-7
5	Pentachlorothiophenol (PCTP)	133-49-3

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Sincerely yours,

Ninnala S. (for)Ms.Milntra Pokaew
Sr.QA.Section Manager.
THAI POLYCARBONATE CO.,LTD.

PHONE: 03-6274-9000 FAX: 03-6274-9086



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Declaration of substances non use

1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

ORGANOTIN COMPOUNDS

3. Survey result

Above mentioned products do not intentionally use for the production as mentioned in above survey target substances.

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Sincerely yours,

Ninnala S. (for)

Ms.Milintra Pokaew
Sr.QA.Section Manager.
THAI POLYCARBONATE CO.,LTD.

PHONE: 038-685613-23 EXT:3291



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Declaration of substances non use

1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

ORGANOTIN COMPOUNDS

3. Survey result

Above mentioned products do not intentionally use for the production as mentioned in above survey target substances.

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1. Survey target product

Iupilon™ S-3001R **Color: 5313,5355**

2. Survey target substances

Halogen free

3. Survey result

Above mentioned products are the Halogen free (Br and Cl) product.

It is noted;

The Halogen free product means the halogen contamination will be less than follows.

1. Chlorine: less than 900 ppm
2. Bromine: less than 900 ppm
3. Chlorine and Bromine: Less than 1500 ppm

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1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

Ozone Depleting Substances

3. Survey result

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1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

Azo Colourants and Azo Dyes

3. Survey result

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1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

Formaldehyde

3. Survey result

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1.Survey target product

Iupilon™ S-3001R Color: 5313,5355

2. Survey target substances

Bisphenol A

3. Survey result

Above mentioned product have used Bisphenol A that is the main raw materials for Polycarbonate process but the residual containing in Polycarbonate resin to customer are less than 250 ppm.

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