

YAMABIKO Group Green Procurement Guidelines

(for requests to our suppliers)

Sep. 2024: 3rd Edition



Yamabiko would like to ask the suppliers to provide the information about the chemical substances contained in each parts constituting the products.

(The above is the chainsaw that is one of Yamabiko representative products.)

YAMABIKO CORPORATION

Introduction

Currently, the consumer's interest about the chemical substances contained in the product is increasing. Especially about food, clothing and houses, from the view point of effects on human health by exposure of the contained chemical substances, the social demand for disclosing the information about the contained chemical substances is increasing.

Corresponding to it, EU established RoHS (Restriction of Hazardous Substances) Directive and REACH (Registration, Evaluation, Authorization and Restriction of Chemicals) Regulation as it leads the world about the regulation on the contained chemical substances, and according to it, each country is developing their own regulations.

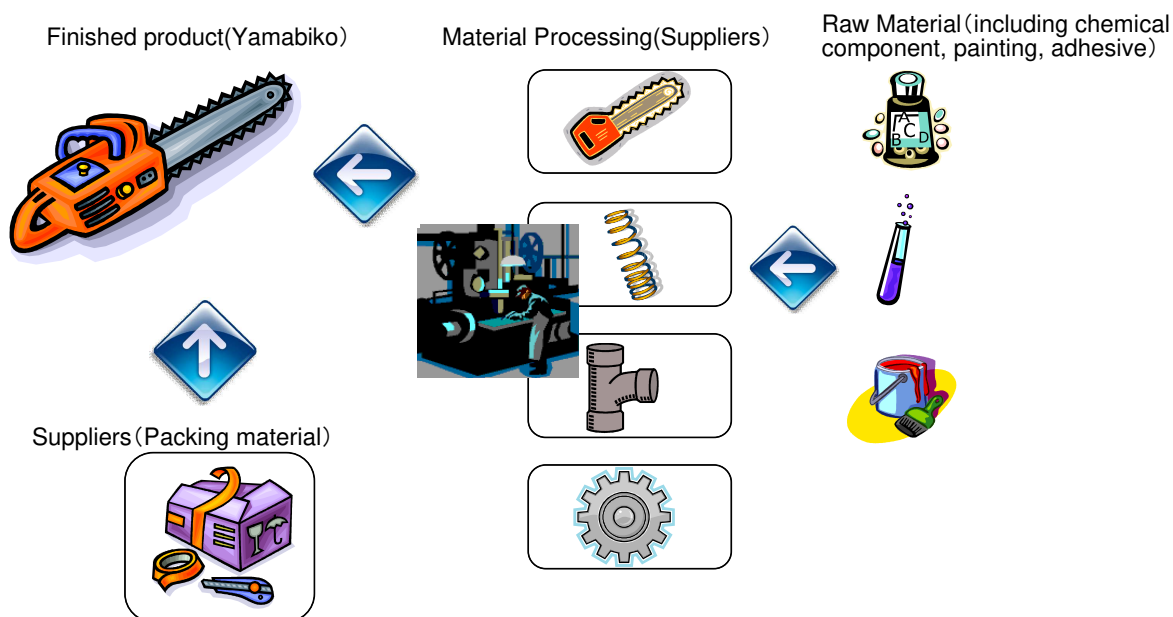
For selling Yamabiko Group products continuously, we must comply with these regulations.

Therefore, Yamabiko Group would like to ask the suppliers in our supply chain to provide and manage the information relating to the contained chemical substances, and we need to assume responsibility and duty for supplying safe products that meets the social demand.

For taking action against this matter, Yamabiko finalized the "YAMABIKO Group Green Procurement Guideline" about the contained chemical substances and submission method for the related information, and we ask for understanding and cooperation of the suppliers.

1. Philosophy on contained chemical substances

The contained chemical substances mean "All procured parts constituting the products and also such as packing materials that are shipped with the products". Our products are constituted of various parts that are supplied by suppliers, and Yamabiko supplies the finished product to the market.



The suppliers manufacture the parts after procuring such raw material, chemical compound, paint and adhesive, and then the parts are supplied to Yamabiko after packing. The almost all parts contain many kinds of chemical substances in the production process.

The management of contained chemical substances means “How much weight does the parts contain the chemical substances finally?”, and Yamabiko asks the suppliers cooperation to manage and inform about it.

Yamabiko will judge whether the contained chemical substances conform to the related laws and regulations, or judge whether it conforms Yamabiko’s own standards.

2.Scope

-1. Applicable suppliers

This Standards is applicable to our first-tier suppliers that supply parts and materials (refer to "2.-2 Applicable parts and materials") that form our products.

In addition, our first-tier suppliers are required to inform their suppliers on the requirements specified in the latest version of "YAMABIKO Group Green Procurement Guidelines" so as to build a chain of information transfer on the control of chemical substances in products.

Depending on necessity, second-tier suppliers may also be subject to confirmation of requirements by YAMABIKO Group.

-2. Applicable parts and materials

This Standards is applicable to YAMABIKO Group products, and supply parts and materials that form the products.

(1) Applicable products are as defined below.

- 1) Products that YAMABIKO Group designs / manufactures and sells;
- 2) Products that YAMABIKO Group outsource to third parties for designing / manufacturing or products that are bought from external companies to be sold under the YAMABIKO Group name;
- 3) Products that are outsourced from third parties for designing / manufacturing (this shall not include supply parts and materials specified by the third parties);
Products that YAMABIKO Group has no responsibility in designing or manufacturing such as products of external companies that are sold by YAMABIKO Group as its sales agent are excluded from this Standards.

(2) Specific examples of parts and materials are as given below.

- 1) Parts and materials. (electronic parts, processed parts, raw materials, packing and packaging materials etc.)
- 2) Assembled parts such as functional units / modules, board assemblies etc.
- 3) Indirect materials such as subsidiary materials. (solder materials, adhesives, inks, grease, tapes etc.)
- 4) Operation manuals.
- 5) Spare parts and accessories.

3. Request to suppliers

-1. Conclusion of Quality Assurance Agreement

-2. Provision of information about the contained chemical substances

YAMABIKO Group will ask the suppliers to investigate the object substances by e-mail, and please reply by the prescribed format.

-3. Proper management of environmental influencing substances in production process.

Even if the chemical substances are not contained in the final products that are supplied by the suppliers, for securing stable supply, YAMABIKO Group might ask the suppliers to check the chemical substances that are used in the process of such production, inventory and transportation. YAMABIKO Group asks for the supplier's understanding and cooperation.

To confirm the Proper management of environmental influencing substances auditors from YAMABIKO Group may implement on-site confirmation at our suppliers. Please cooperate with us in this case.

4. Provision of information about the contained chemical substances

-1. About collecting information on contained chemical substances

When collecting information about the contained chemical substances in products, choose the best way to do so from an economical and engineering standpoint.

Prohibited substances groups is basically prohibited according to regulations inside and outside Japan, so legally, their non-inclusion in products must be guaranteed.

Therefore, regardless of "intentional inclusion" or "unintentional inclusion of impurities, etc. ", it is necessary to ensure that the chemical substance is not contained or is below the predetermined threshold by reasonable procedures.

Controlled substances groups & Self-controlled substances groups, appropriate management of inclusion information is required regardless of whether the substances are included in the products. Suppliers are requested to file reports in all cases; even statements such as "There is no information available that shows inclusion of the chemical substances" are to be reported when appropriate.

-2. Provision of information about the contained chemical substances

(1) Report on the content of chemical substances using format specified by YAMABIKO Group

The articles : chemSHERPA-AI

(The "Composition" information MUST be completely filled in. However, the "Compliance" information is to be provided when requested by YAMABIKO Group)

The substances and chemical compound : chemSHERPA-CI

Please use of the data generation support tool provided by chemSHERPA when filling in the information. For the usage rules and detailed answer method, please refer the manual and the information usage rules for chemSHERPA of the following URL.

URL : <https://chemsherpa.net/tool>

(2) "Certificate of Non-inclusion for Regulated Substances" or "Declaration of Phase-out of Regulated Substances" forms specified by YAMABIKO Group

To conduct a careful examination on the content information in the contained chemical substances, we may ask our suppliers to provide additional information, analysis reports issued by third party analysis organizations, analysis samples, etc. Please cooperate in this case.

-3. Regarding changes in materials, manufacturing methods, and information about included chemical substances

If any changes in materials, manufacturing methods, production location, major manufacturing equipment, persons in charge of manufacturing, etc. are to be made for procured products, suppliers are required to submit a notice about the details of the change and the scope of effect. At that time, report on the content of chemical substances using format specified by YAMABIKO Group.

In addition, for information on inclusion of chemical substances, submission of a notice is mandatory when a new inclusion is discovered, or when previously-reported inclusions have changed.

5. Management classification of chemical substances

In Yamabiko group manage chemical substances stipulated in laws and regulations for its products, parts, and materials according to Yamabiko group unique management classification for chemical substances.

Table 1. Definition of management classification and the substances' selection method

Management classification	Definition of management classification	Substances selection method
Prohibited substances 【Table 3】	Prohibited to use in products, parts or materials Or there are limited uses.	Substances whose content is already prohibited by laws and regulations, Or Substances whose prohibited for use in the future has already been finalized by laws and regulations, or substances as prohibited to use by Yamabiko group originality.
Controlled substances 【Table 4】	Grasping of contained amount of regulated substances.	Among the substances by IEC62474, those for which grasping of the contained amount/ratio and consumption are required by laws and regulations, or those for safeness, etc. is required by laws and regulations if they are contained.
Self-controlled substances	Grasping of contained amount	Substances other than prohibited substances and contained controlled substances

It is necessary to check the content status of substances that are “Prohibited substances” / “Controlled substances” in the control categories in Table 1, and provide the following information.

- 1. If the product / material under investigation contains prohibited substances or controlled substances exceeding 0.1 wt%, it is necessary to report the content rate.
- 2. Even if it is 0.1wt% or less, please report the containing rate as much as possible to know.
- 3. If a substance specified in IEC62474 is added, please confirm the containing status of the added substances as soon as possible and perform the above procedures (1) and (2).

Please take the following measures for self-controlled substances.

- (1) Please report the containing rate as much as possible to know.
- (2) If the suppliers obtain the additional or new containing status information, please report it as soon as possible.

Basically the suppliers should report the containing status information, but if the object substances are not contained or there is no information about the containing status, please issue the “Non-substance-containing certificate”. In that case, Yamabiko group will inform about the certificate form separately.

- If it is found out that “Prohibited substances”/“Controlled substances” is contained more than 0.1wt% or the prohibited substance is contained without any prior announcement, it violates the Yamabiko Group’s important requirements for procurement quality and the defect warranty liability arises to the supplier. Also, Yamabiko Group will request the supplier to investigate and determine the cause.
- Substances listed in this Guidelines may be indicated in acceptance drawings, specifications, drawings, etc. In this case, priority is given to acceptance drawings, specifications, drawings, etc.

Table2 Management classification laws and regulations, industry standards, etc.

Target regulations	Summary	Remarks
(JP) Chemical Substances Control Law:Class I Specified Chemical Substances	Class I Specified Chemical Substances from the Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc. of Japan (commonly known by the name "Chemical Substances Control Law or CSCL"). Class I Specified Chemical Substances are those substances specified by Cabinet Order as being persistent, highly bioaccumulative, and toxic over the long-term to humans and high-order predators. These are subject to management measures, including the general prohibition of production and importation (permit system) and import prohibition of Cabinet Order designated products.	Excluding the prohibited substances specified in this Guidelines
(US) Toxic Substances Control Act (TSCA): Section 6	Chemical substances specified in TSCA, and substances subject to mixture priority ranking, risk evaluation, and regulation (Section 6). Given the undue risk that these chemical substances or mixtures of such pose to the health of persons or the environment through their production, import, processing, distribution, or disposal, etc., the production, processing, and distribution of these substances is subject to measures, including prohibition and regulation.	Excluding the prohibited substances specified in this Guidelines
(EU) 2011/65/EU (RoHS): Annex II	Substances (groups) specified in ANNEX II of the directive (RoHS Directive) related to usage restrictions of specific hazardous substances in electrical and electronic equipment in the EU. The use of these substances (groups) is restricted by Article 4 of this Directive (however, there are exemptions in ANNEX III). The products provided by Yamabiko fall under category 6 "electric products" and category 11 "other electrical and electronic equipment". However, detailed classification is based on the definition of the RoHS Directive.	Excluding the prohibited substances specified in this Guidelines
(EU) 2019/1021 (POPs): Annex I	Substances listed in ANNEX I of the POPs Regulation, which ensures the implementation of the the Stockholm Convention on Persistent Organic Pollutants (POPs) in the EU (Stockholm Convention member countries are required to establish domestic laws that ensure the Convention in terms of the subject substances). In principle, manufacture, sale, and use of these substances is prohibited (there are exceptions).	Excluding the prohibited substances specified in this Guidelines

Target regulations	Summary	Remarks
(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	Substances identified as having satisfied the criteria for SVHC (Substances of Very High Concern) by an EU member country or by the European Chemicals Agency (ECHA) based on the EU REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals, issued June 1, 2007) Regulation, and listed on the Authorisation List in REACH Regulation ANNEX XIV, or listed on the Candidate List of substances for possible inclusion in the Authorisation List (SVHC as indicated in the Candidate List and chemSHERPA refers to this List). Substances listed on the Authorisation List in ANNEX XIV are subject to authorization for sale and use under Article 56 of this Regulation. Moreover, when a substance listed on the Candidate list is contained in an article, under certain conditions, the substance requires reporting (Article 7) and transfer of information (Article 33). When a substance is listed on the Authorisation List, it is not removed from the Candidate list.	Excluding the prohibited substances specified in this Guidelines
(EU) REACH (No 1907/2006): Annex XVII Restriction substances	Substances listed in EU REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals, effective June 1, 2007) Regulation ANNEX XVII (restrictions related to production, sale, and use of some types of hazardous substances, mixtures, and articles). Manufacture, sale, and use of these substances is prohibited when the restriction conditions under Article 67 of this Regulation are NOT met.	Excluding the prohibited substances specified in this Guidelines
Global Automotive Declarable Substance List (GADSL)	GADSL (Global Automotive Declarable Substance List) is a list prepared by GASG (Global Automotive Stakeholder Group), which consists of manufacturers of automobiles, automobile parts, and chemicals from different countries	Excluding the prohibited substances specified in this Guidelines
IEC 62474 DB Declarable substance groups and declarable substances	Declarable substance groups and declarable substances listed in the Declarable Substance List (DSL) from IEC 62474 (Material Declaration for Products of and for the Electrotechnical Industry) as prepared by IEC (International Electrotechnical Commission). For declarable substance groups, individual substances are listed in the Reference Substance List (RSL).	Excluding the prohibited substances specified in this Guidelines

6. Definition of Terms

chemSHERPA

The chemSHERPA is designed mainly (1).to use for the reliable and efficient information provision scheme of the chemical substances for many products and many type of business, and (2).to provide “component information based on the common substances list” and “compliance readiness information” for securing “responsible provision” of the related information. Currently, this scheme is identified as the voluntary activities of the industrial world, and it is managed by the Joint Article Management Promotion-consortium (JAMP) from Apr, 2016.

chemSHERPA-AI/chemSHERPA-CI

The AI of chemSHERPA-AI is abbreviation for ‘Article Information’, and it means the information of the chemical substances contained in the article, and it is the contained component of the object substances and the judgement information for compliance.

The CI of chemSHERPA-CI is abbreviation for ‘Chemical Information’, and it means the information of the chemical substances contained in the chemical product, and it is component information of the contained object substances.

【Table.3】 List of Prohibited Substances.

Note 1. Reportable Applications: Target application of substances regulated by laws and regulations.

For each substance, target applications such as “all products”, “batteries”, “textile products” are designated. If this target application is not applicable, it is excluded from the management of chemical substances in parts of materials.

Note 2. Reporting Threshold: Threshold of substances in target applications regulated by laws and regulations.

If content rate is indicated as the reporting threshold, content is judged based on the content rate calculated as per denominator indicated in the “Reporting Level (product / article / part / material).”

Note 3. The substance which do not have CAS No. are listed SN No. of chemSHERPA.

Note 4. There may be applicable chemical substances even if they are not listed in this document.

Please also refer to the IEC62474 DSL and RSL(<https://std.iec.ch/iec62474/iec62474.nsf/>) when searching for chemical substances.

No.1	Polychlorinated Biphenyls (PCBs) and specific substitutes	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.005 mass% of article(50ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Polychlorinated Biphenyls (PCB)	1336-36-3	
Monomethyl-tetrachlorodiphenyl methane Trade name: Ugilec 141	76253-60-6	
Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121 Ugilec 21	81161-70-8	
Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT	99688-47-8	
Other Polychlorinated Biphenyls (PCBs) and specific substitutes	-	
Referenced laws & regulations	(JP) Chemical Substances Control Law: Class I Specified Chemical Substances (EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): Annex XVII Restriction substances (US) Toxic Substances Control Act (TSCA): Section 6	
Note		

No.2	Polychlorinated Naphthalenes	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Polychlorinated naphthalenes	70776-03-3	
1-Chloronaphthalene	90-13-1	
2-Chloronaphthalene	91-58-7	
1,5-Dichloronaphthalene	1825-30-5	
1,4-Dichloronaphthalene	1825-31-6	
1,2-Dichloronaphthalene	2050-69-3	
1,6-Dichloronaphthalene	2050-72-8	
1,7-Dichloronaphthalene	2050-73-9	
1,8-Dichloronaphthalene	2050-74-0	
2,3-Dichloronaphthalene	2050-75-1	
2,6-Dichloronaphthalene	2065-70-5	
1,3-Dichloronaphthalene	2198-75-6	
2,7-Dichloronaphthalene	2198-77-8	
Chloronaphthalene	25586-43-0	
Dichloronaphthalene	28699-88-9	
Pentachloronaphthalene	1321-64-8	
Naphthalene, trichloro-	1321-65-9	
Hexachloronaphthalene	1335-87-1	
Tetrachloronaphthalene	1335-88-2	

No.2	Polychlorinated naphthalenes (Continued)	
Substance/Substance group	CAS No. (Note 3)	
Perchloronaphthalene; 1,2,3,4,5,6,7,8-Octachloronaphthalene	2234-13-1	
1,4,6-Trichloronaphthalene	2437-54-9	
1,4,5-Trichloronaphthalene	2437-55-0	
1,4,5,8-Tetrachloronaphthalene	3432-57-3	
1,2,4,8-Tetrachloronaphthalene	6529-87-9	
1,2,4,5-Tetrachloronaphthalene	6733-54-6	
1,2,3,6,7,8-Hexachloronaphthalene	17062-87-2	
1,2,3,4-Tetrachloronaphthalene	20020-02-4	
1,3,5,8-Tetrachloronaphthalene	31604-28-1	
Heptachloronaphthalene	32241-08-0	
2,3,6,7-Tetrachloronaphthalene	34588-40-4	
1,2,4-Trichloronaphthalene	50402-51-2	
1,2,3-Trichloronaphthalene	50402-52-3	
1,3,5-Trichloronaphthalene	51570-43-5	
1,2,6-Trichloronaphthalene	51570-44-6	
1,2,4,6-Tetrachloronaphthalene	51570-45-7	
1,2,3,5-Tetrachloronaphthalene	53555-63-8	
1,3,5,7-Tetrachloronaphthalene	53555-64-9	
1,2,3,5,7-Pentachloronaphthalene	53555-65-0	
1,2,5-Trichloronaphthalene	55720-33-7	
1,2,7-Trichloronaphthalene	55720-34-8	
1,2,8-Trichloronaphthalene	55720-35-9	
1,3,6-Trichloronaphthalene	55720-36-0	
1,3,7-Trichloronaphthalene	55720-37-1	
1,3,8-Trichloronaphthalene	55720-38-2	
1,6,7-Trichloronaphthalene	55720-39-3	
2,3,6-Trichloronaphthalene	55720-40-6	
1,2,3,7-Tetrachloronaphthalene	55720-41-7	
1,3,6,7-Tetrachloronaphthalene	55720-42-8	
1,4,6,7-Tetrachloronaphthalene	55720-43-9	
1,2,3,4,5,6,7-Heptachloronaphthalene	58863-14-2	
1,2,3,4,5,6,8-Heptachloronaphthalene	58863-15-3	
1,2,3,4,5,6-Hexachloronaphthalene	58877-88-6	
1,2,4,7-Tetrachloronaphthalene	67922-21-8	
1,2,5,6-Tetrachloronaphthalene	67922-22-9	
1,2,5,7-Tetrachloronaphthalene	67922-23-0	
1,2,6,8-Tetrachloronaphthalene	67922-24-1	
1,2,3,4,5-Pentachloronaphthalene	67922-25-2	
1,2,3,4,6-Pentachloronaphthalene	67922-26-3	
1,2,3,4,5,7-Hexachloronaphthalene	67922-27-4	
1,2,4,5,6,8-Hexachloronaphthalene	90948-28-0	
1,2,4,5,7,8-Hexachloronaphthalene	103426-92-2	
1,2,3,4,5,8-Hexachloronaphthalene	103426-93-3	
1,2,3,5,7,8-Hexachloronaphthalene	103426-94-4	
1,2,3,5,6,8-Hexachloronaphthalene	103426-95-5	
1,2,3,4,6,7-Hexachloronaphthalene	103426-96-6	
1,2,3,5,6,7-Hexachloronaphthalene	103426-97-7	
1,2,3,6-Tetrachloronaphthalene	149864-78-8	
1,2,6,7-Tetrachloronaphthalene	149864-79-9	
1,2,5,8-Tetrachloronaphthalene	149864-80-2	
1,2,3,8-Tetrachloronaphthalene	149864-81-3	
1,2,7,8-Tetrachloronaphthalene	149864-82-4	
1,2,3,7,8-Pentachloronaphthalene	150205-21-3	
1,3,6,8-Tetrachloronaphthalene	150224-15-0	
1,2,3,6,7-Pentachloronaphthalene	150224-16-1	
1,2,4,6,7-Pentachloronaphthalene	150224-17-2	
1,2,3,5,6-Pentachloronaphthalene	150224-18-3	

No.2	Polychlorinated naphthalenes (Continued)	
Substance/Substance group	CAS No. (Note 3)	
1,2,4,5,7-Pentachloronaphthalene	150224-19-4	
1,2,4,5,6-Pentachloronaphthalene	150224-20-7	
1,2,4,7,8-Pentachloronaphthalene	150224-21-8	
1,2,4,6,8-Pentachloronaphthalene	150224-22-9	
1,2,3,6,8-Pentachloronaphthalene	150224-23-0	
1,2,3,5,8-Pentachloronaphthalene	150224-24-1	
1,2,4,5,8-Pentachloronaphthalene	150224-25-2	
Other Polychlorinated naphthalenes	-	
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances (EU) 2019/1021 (POPs): Annex I	
Note		

No.3	Bis(tributyltin) oxide (TBTO)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1mass% of article(1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Bis(tributyltin) oxide (TBTO)	56-35-9	
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.4	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1 mass% of article(1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	
Alkanes, C10-12, chloro	108171-26-2	
Alkanes, C12-13, chloro	71011-12-6	
Alkanes, chloro; chloroparaffins	61788-76-9	
Other Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	-	
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances (EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.5	Asbestos	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Asbestos	1332-21-4	
Chrysotile; Asbestos	132207-32-0	
Crocidolite	132207-33-1	
Asbestos; Actinolite	77536-66-4	
Amosite; Asbestos	12172-73-5	
Asbestos; Anthophyllite	77536-67-5	
Chrysotile; Asbestos	12001-29-5,132207-32-0	
Crocidolite; Asbestos	12001-28-4	
Asbestos; Tremolite	77536-68-6	
Referenced laws & regulations	(JP) Industrial Safety and Health Act (Articl 55) (EU) REACH (No 1907/2006): Annex XVII Restriction substances (US) Toxic Substances Control Act (TSCA): Section 6	
Note		

No.6	Polychlorinated terphenyls (PCTs)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.005 mass% of article(50ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Polychlorinated terphenyls (PCTs)	61788-33-8	
Other Polychlorinated terphenyls	-	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.7	Dimethylfumarate (DMF)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold(Note 2)	
All Products	- 0.00001 mass% of article(0.1ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dimethylfumarate (DMF)	624-49-7	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.8	Perfluorooctane sulfonates (PFOS) and individual salts		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
Textiles or other coated materials.		- Intentional added - 1microgram/m ² of coated material	
All except tetiles or other coated materials		- Intentional added - 0.1 mass% of the part(1000ppm) (as the sum of PFOS)	
Exclusion			
Application	Law & regulations_Code	Description*1	Scope and dates of applicability
All	POPs_PFOs-3	Any mist suppressants for non-decorative hard chromium (VI) plating	-
	POPs_PFOs-98	Any mixtures in concentrations less than 10 mg/kg (0.001% by weight),or where the concentration of PFOS is less than 0.1% by weight calculated with reference to the mass of structurally or microstructurally distinct parts that contain PFOS, any textiles or other coated materials,or where the amount of PFOS is less than 1µg/m ² of the coated material	-
Substance/Substance group			CAS No. (Note 3)
Perfluorooctane Sulfonates (PFOS) C8F17SO2X, where X = OR, NR or other derivative			Ex) 1763-23-1
Perfluorooctane sulfonyl fluoride			307-35-7
Polymers with 2-[methyl[(perfluoro-C4-8-alkyl)-sulfonyl] amino] ethyl acrylate and vinylidenechloride			306975-62-2
Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt			2991-51-7
Other Perfluorooctane sulfonates (PFOS) and individual salts			-
Referenced laws & regulations	(JP) Chemical Substances Control Law: Class I Specified Chemical Substances (EU) 2019/1021 (POPs): Annex I		
Note	*1. If there are differences in the explanation of exempted uses from Annex I of the POPs Regulations, the regulations shall take precedence. As there is a possibility that isomers not listed here may be included, please also refer to IEC62474 RSL (https://std.iec.ch/iec62474/iec62474.nsf/)		

No.9	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
All Products		- Intentional added	
Exclusion	None		
Substance/Substance group			CAS No. (Note 3)
2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)			3846-71-7
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances (EU) REACH (No 1907/2006):The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances		
Note			

No.10	Hexabromocyclododecane (HBCDD) and all major diastereoisomers		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
All Products		- Intentional added - 0.01 mass% of article(100ppm)	
Exclusion	None		
Substance/Substance group			CAS No. (Note 3)
Hexabromocyclododecane (HBCDD)			25637-99-4,4736-49-6 65701-47-5,138257-17-7 138257-18-8,138257-19-9 169102-57-2,678970-15-5 678970-16-6,678970-17-7 3194-55-6
alpha-hexabromocyclododecane			134237-50-6
beta-hexabromocyclododecane			134237-51-7
gamma-hexabromocyclododecane			134237-52-8
Other Hexabromocyclododecane (HBCDD) and all major diastereoisomers			-
Referenced laws & regulations	(JP) Chemical Substances Control Law: Class I Specified Chemical Substances (EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances		
Note			

No.11	Cadmium and Cadmium compounds			
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)		
All except batteries		- Intentional added - 0.01 mass% of article (100ppm)		
Alkaline manganese batteries / Zinc carbon batteries/ Nickel-metal hydride battery (except button cells)		- 0.001 mass% of battery (10ppm)		
Batteries other than the above		- 0.002 mass% of battery (20ppm)		
Exclusion				
Application	Law & regulations_Code	Description*1	Category *2	Scope and dates of applicability
All, Except batteries	EU_RoHS_8(b)	Cadmium and its compounds in electrical contacts	1~7, 10 11	Banned already -
	EU_RoHS_8(b)-I	Cadmium and its compounds in electrical contacts used in: - circuit breakers, - thermal sensing controls, - thermal motor protectors (excluding hermetic thermal motor protectors), - AC switches rated at: 6A and more at 250VAC and more, or 12A and more at 125VAC and more, - DC switches rated at 20 A and more at 18 V DC and more, - switches for use at voltage supply frequency \geq 200 Hz	1~7, 10	-
	EU_RoHS_13(b)	Cadmium and lead in filter glasses and glasses used for reflectance standards	11	-

No.11		Cadmium and Cadmium compounds(Continued)		
Application	Law & regulations_Code	Description*1	Category*2	Scope and dates of applicability
All, Except batteries	EU_RoHS_13(b)-II	Cadmium in striking optical filter glass types	1~7, 10	-
	EU_RoHS_13(b)-III	Cadmium and lead in glazes used for reflectance standards	1~7, 10	-
	EU_RoHS_39(a)	Cadmium selenide in downshifting cadmium-based semiconductor nanocrystal quantum dots for use in display lighting applications (< 0,2 µg Cd per mm 2 of display screen area)	1~11	-
	The items mentioned of "(2011/65/EU ANNEXIII)" Implementation of the RoHS Directive - European Commission (europa.eu)			
Substance/Substance group			CAS No. (Note 3)	
Cadmium			7440-43-9	
Cadmium oxide			1306-19-0	
Cadmium sulphide			1306-23-6	
Cadmium chloride			10108-64-2	
Cadmium sulphate			10124-36-4 31119-53-6	
Cadmium hydroxide; cadmium dihydroxide			21041-95-2	
Other Cadmium and Cadmium compounds			-	
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) Battery Regulation			
Note	*1. If there is a difference from the RoHS directive, the directive will take precedence. *2. According to the definition of RoHS directive.			

No.12	Lead and Lead compounds			
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)		
All except batteries		- 0.1 mass% of total Pb in homogenous material (1000ppm)		
Zinc carbon batteries and Alkaline manganese batteries (button cells)		- 0.1 mass% of battery (1000ppm)		
Alkaline manganese batteries (except button cells)		- 0.004 mass% of battery (40ppm)		
Portable batteries		- 0.01 mass% of battery (100ppm)		
Batteries other than the above		- 0.004 mass% of battery (40ppm)		
Cables/cords (including plug and connector) with thermoset or thermoplastic coatings		- 0.03 mass% of surface coating material (300ppm)		
Exclusion				
Application	Law & regulations Code	Description*1	Category *2	Scope and dates of applicability
All, Except batteries	EU_RoHS_5(b)	Lead in glass of fluorescent tubes not exceeding 0.2% by weight	1~7, 10	-
			11	-
	EU_RoHS_6(a)	Lead as an alloying element in steel for machining purposes and in galvanized steel containing up to 0.35% lead by weight	11	-
	EU_RoHS_6(a) -I	Lead as an alloying element in steel for machining purposes containing up to 0.35% lead by weight and in batch hot dip galvanized steel components containing up to 0.2% lead by weight	1~7, 10	-
	EU_RoHS_6(b)	Lead as an alloying element in aluminium containing up to 0.4% lead by weight	11	-
	EU_RoHS_6(b) -I	Lead as an alloying element in aluminium containing up to 0.4% lead by weight, provided it stems from lead-bearing aluminium scrap recycling	1~7, 10	-
	EU_RoHS_6(b) -II	Lead as an alloying element in aluminium for machining purposes with a lead content up to 0.4% by weight	1~7, 10	-
	EU_RoHS_6(c)	Copper alloy containing up to 4% lead by weight	1~7, 10	-
			11	-
	EU_RoHS_7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead)	1~7, 10	-
			11	-
	EU_RoHS_7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic	1~7, 10	-
11			-	
EU_RoHS_7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher	1~7, 10	-	
		11	-	

No.12		Lead and Lead compounds(Continued)		
Exclusion				
Application	Law & regulations_Code	Description*1	Category *2	Scope and dates of applicability
All, Except batteries	EU_RoHS_13(a)	Lead in white glasses used for optical applications	1~10	-
			11	-
	EU_RoHS_13(b)	Cadmium and lead in filter glasses and glasses used for reflectance standard	11	-
	EU_RoHS_13(b)-I	Lead in ion coloured optical filter glass types	1~7, 10	-
	EU_RoHS_13(b)-III	Cadmium and lead in glazes used for reflectance standards	1~7, 10	-
	EU_RoHS_15	Lead in solders to complete a viable electrical connection between semiconductor die and carrier within integrated circuit flip chip packages	11	-
	EU_RoHS_15(a)	Lead in solders to complete a viable electrical connection between the semiconductor die and carrier within integrated circuit flip chip packages where at least one of the following criteria applies: — a semiconductor technology node of 90 nm or larger; — a single die of 300 mm ² or larger in any semiconductor technology node; — stacked die packages with die of 300 mm ² or larger, or silicon interposers of 300 mm ² or larger	1~7, 10	-
	EU_RoHS_34	Lead in cermet-based trimmer potentiometer elements	1~7, 10	-
			11	-
	EU_RoHS_44	Lead in solder of sensors, actuators, and engine control units of combustion engines within the scope of Regulation (EU) 2016/1628 of the European Parliament and of the Council (*), installed in equipment used at fixed positions while in operation which is designed for professionals, but also used by non-professional users	11	-
The items mentioned of "(2011/65/EU ANNEX III)" Implementation of the RoHS Directive - European Commission (europa.eu)				

No.12	Lead and Lead compounds(Continued)	
Substance/Substance group		CAS No. (Note 3)
Lead		7439-92-1
Lead sulphates: PbSO ₄		7446-14-2
Lead carbonates: Neutral anhydrous carbonate (PbCO ₃)		598-63-0
Lead carbonates: Trilead-bis(carbonate)-dihydroxide 2Pb CO ₃ -Pb (OH) ₂		1319-46-6
Lead (II) acetate, trihydrate		6080-56-4
Lead selenide (PbSe)		12069-00-0
Lead peroxide		1309-60-0
Orange lead (lead tetroxide)		1314-41-6
Lead sulfide (PbS)		1314-87-0
Trilead bis(orthophosphate)		7446-27-7
Lead titanium trioxide		12060-00-3
Lead sulphates: Pbx SO ₄		15739-80-7
Tetralead trioxide sulphate		12202-17-4
Stearic acid, lead (2+) salt		1072-35-1
Lead chromate		7758-97-6
Lead chromate molybdate sulfate red; C.I. Pigment Red 104; [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.]		12656-85-8
Lead sulfochromate yellow; C.I. Pigment Yellow 34; [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.]		1344-37-2
Lead monoxide (lead oxide)		1317-36-8
Lead trioxide		1314-27-8
Lead azide		13424-46-9
Lead fluoride		7783-46-2
Lead chloride		7758-95-4
Lead tetrachloride		13463-30-4
Lead iodide		10101-63-0
Lead bis(tetrafluoroborate)		13814-96-5
Lead hexafluorosilicate		25808-74-6
Lead dinitrate		10099-74-8
Bis[carbonato(2-)]dihydroxytrilead		1344-36-1
Lead thiocyanate		592-87-0
Lead di(acetate)		301-04-2
Lead (IV) acetate		546-67-8
Lead oleate		1120-46-3
Lead stearate		7428-48-0
Boric acid (HBO ₂), lead (2+) salt, monohydrate (8Cl, 9Cl)		10214-39-8
Silicic acid, lead salt, Silicic acid (H ₂ SiO ₃), lead (2+) salt (1:1)		11120-22-2,10099-76-0
Lead antimonate		13510-89-9
Lead hydrogen arsenate		7784-40-9
Lead arsenite		10031-13-7
Lead molybdate		10190-55-3
Calcium plumbate		12013-69-3
Tetramethyl lead		75-74-1
Tetraethyl lead		78-00-2
Trilead diarsenate		3687-31-8
Lead 2,4,6-trinitroresorcinoxide, lead styphnate		15245-44-0
Lead dipicrate		6477-64-1
Sulfurous acid, lead salt, dibasic		62229-08-7
Trilead dioxide phosphonate		12141-20-7
Pyrochlore, antimony lead yellow		8012-00-8
Pentalead tetraoxide sulphate		12065-90-6
Lead cyanamidate		20837-86-9
Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD), the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008		68784-75-8
Lead titanium zirconium oxide		12626-81-2

No.12	Lead and Lead compounds(continued)	
Substance/Substance group		CAS No. (Note 3)
Lead oxide sulfate		12036-76-9
[Phthalato(2-)]dioxotrilead		69011-06-9
Dioxobis(stearato)trilead		12578-12-0
Fatty acids, C16-18, lead salts		91031-62-8
Lead -tin alloy		-
Other Lead compounds		-
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) Battery Regulation (US) Toxic Substances Control Act (TSCA): Section 6	
Note	*1. If there is a difference from the RoHS directive, the directive will take precedence. *2. According to the definition of RoHS directive.	

No.13	Mercury and Mercury compounds			
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)		
All except batteries		- Intentional added - 0.1 mass% of article (1000 ppm)		
All batteries		- Intentional added - 0.0001 mass% of battery (1 ppm) - 0.0005 mass% of total Mercury in homogeneous material (5 ppm)		
Exclusion				
Application	Law & regulations_Code	Description*1	Category *2	Scope and dates of applicability
All, Except batteries	EU_RoHS_1(f)-I	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For lamps designed to emit mainly light in the ultraviolet spectrum: 5 mg	1~11	2027/02/24
	EU_RoHS_1(f)-II	Mercury in single capped (compact) fluorescent lamps not exceeding (per burner): For special purposes: 5 mg	1~11	2025/02/24
	EU_RoHS_2(b)(3)	Mercury in other fluorescent lamps not exceeding (per lamp):Non-linear tri-band phosphor lamps with tube diameter > 17 mm (e.g. T9): 10 mg	1~11	2025/02/24
	EU_RoHS_2(b)(4)-I	Mercury in other fluorescent lamps not exceeding (per lamp): Lamps for other general lighting and special purposes (e.g. induction lamps): 15 mg	1~11	2027/02/24
	EU_RoHS_2(b)(4)-II	Mercury in other fluorescent lamps not exceeding (per lamp): Lamps emitting mainly light in the ultraviolet spectrum: 15 mg	1~11	2027/02/24
	EU_RoHS_2(b)(4)-III	Mercury in other fluorescent lamps not exceeding (per lamp): Emergency lamps: 15 mg	1~11	2027/02/24

No.13	Mercury and Mercury compounds(continued)			
Exclusion				
Application	Law & regulations_Code	Description*1	Category *2	Scope and dates of applicability
All, Except batteries	EU_RoHS_3(a)	Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp): Short length (≤ 500 mm): 3,5 mg	1~11	2025/02/24
	EU_RoHS_3(b)	Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp): Medium length (> 500 mm and $\leq 1,500$ mm): 5 mg	1~11	2025/02/24
	EU_RoHS_3(c)	Mercury in cold cathode fluorescent lamps and external electrode fluorescent lamps (CCFL and EEFL) for special purposes used in EEE placed on the market before 24 February 2022 not exceeding (per lamp):Long length ($> 1,500$ mm): 13 mg	1~11	2025/02/24
	EU_RoHS_4(a)-I	Mercury in low pressure non-phosphor coated discharge lamps, where the application requires the main range of the lamp-spectral output to be in the ultraviolet spectrum: up to 15 mg mercury may be used per lamp	1~11	2027/02/24
	EU_RoHS_4(b)	Mercury in High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner) in lamps with improved colour rendering index $R_a > 80$: $P \leq 105$ W: 16 mg may be used per burner	1~11	2027/02/24
	EU_RoHS_4(c)-I	Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner): $P \leq 155$ W:20mg	1~11	2027/02/24
	EU_RoHS_4(c)-II	Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner): 155 W < $P \leq 405$ W: 25 mg	1~11	2027/02/24
	EU_RoHS_4(c)-III	Mercury in other High Pressure Sodium (vapour) lamps for general lighting purposes not exceeding (per burner): $P > 405$ W: 25 mg	1~11	2027/02/24

No.13	Mercury and Mercury compounds(continued)			
Exclusion				
Application	Law & regulations_Code	Description*1	Category *2	Scope and dates of applicability
All, Except batteries	EU_RoHS_4(e)	Mercury in metal halide lamps (MH)	1~11	2027/02/24
	EU_RoHS_4(f)-I	Mercury in other discharge lamps for special purposes not specifically mentioned in this Annex	1~11	-
	EU_RoHS_4(f)-II	Mercury in high pressure mercury vapour lamps used in projectors where an output \geq 2000 lumen ANSI is required	1~11	2027/02/24
	EU_RoHS_4(f)-III	Mercury in high pressure sodium vapour lamps used for horticulture lighting	1~11	2027/02/24
	EU_RoHS_4(f)-IV	Mercury in lamps emitting light in the ultraviolet spectrum	1~11	2027/02/24
	The items mentioned of "(2011/65/EU ANNEXIII)" Implementation of the RoHS Directive - European Commission (europa.eu)			
Substance/Substance group			CAS No. (Note 3)	
Mercury			7439-97-6	
Mercury alloys; amalgam			-	
Mercurous oxide			15829-53-5	
Mercuric oxide			21908-53-2	
Mercury, chloro(cyclohexylmethyl)-			33631-63-9	
Mercury chloride			10112-91-1	
Mercuric chloride			7487-94-7	
Mercuric nitrate			10045-94-0	
Mercurous sulfate			7783-36-0	
Mercury-difulminate			628-86-4	
Mercuric acetate			1600-27-7	
Methylmercury salts			e.g. 22967-92-6	
Ethymercury salts Propylmercury salts Phenylmercury salts Methoxyethyl- mercury salts Dialkylmercury			-	
Diphenylmercury			587-85-9	
Mercuric sulfate			7783-35-9	
Mercury sulfide (HgS)			1344-48-5	
Other Mercury compounds			-	
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) Battery Regulation			
Note	*1. If there is a difference from the RoHS directive, the directive will take precedence. *2. According to the definition of RoHS directive.			

No.14	Chromium VI Compounds	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
Natural leather parts and materials	- Containing of chromium (VI) equal to or greater than 3 mg/kg (0.0003 % by weight) of the total dry weight of the leather.	
All uses other than the above	- Intentional added - 0.1 mass% of article(1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Chromium (VI) Compounds	1333-82-0	
Lithium chromate	14307-35-8	
Sodium chromate	7775-11-3	
Potassium chromate	7789-00-6	
Chromate (1-), chlorotrioxo-, potassium, (T-4)-	16037-50-6	
Ammonium chromate	7788-98-9	
Copper chromate	13548-42-0	
Chromic acid (H ₂ CrO ₄), magnesium salt (1:1)	13423-61-5	
Calcium chromate	13765-19-0	
Strontium chromate	7789-06-2	
Barium chromate	10294-40-3	
Chromic acid (H ₂ CrO ₄), zinc salt (1:1)	13530-65-9	
Chromic acid (H ₂ Cr ₂ O ₇), zinc salt (1:1)	14018-95-2	
Sodium dichromate	10588-01-9,7789-12-0	
Potassium dichromate	7778-50-9	
Ammonium dichromate	7789-09-5	
Chromic acid, calcium salt, (Calcium dichromate)	14307-33-6	
Chromium III chromate; chromic chromate	24613-89-6	
Potassium hydroxyoctaoxidizincatedichromate	11103-86-9	
Pentazinc chromate octahydroxide	49663-84-5	
Other Chromium VI Compounds	-	
Lead chromate	7758-97-6	
Lead chromate molybdate sulfate red; C.I. Pigment Red 104; [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77605.]	12656-85-8	
Lead sulfochromate yellow; C.I. Pigment Yellow 34; [This substance is identified in the Colour Index by Colour Index Constitution Number, C.I. 77603.]	1344-37-2	
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006):The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (US) Toxic Substances Control Act (TSCA): Section 6	
Note		

No.15	Polybrominated Biphenyls (PBBs)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added - 0.1 mass% of article(1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Polybromobiphenyls		59536-65-1
Polybrominatedbiphenyls (PBB)		67774-32-7
1,1'-Biphenyl, 4,4'-dibromo-		92-86-4
2-bromobiphenyl		2052-07-5
3-bromobiphenyl		2113-57-7
4-Bromobiphenyl		92-66-0
1,1'-Biphenyl, 2,2',5-tribromo-		59080-34-1
Hexabromobiphenyl		36355-01-8
2,2',4,4',5,6'-Hexabromobiphenyl		36402-15-0
2,2',3,3',5,5'-Hexabromobiphenyl		55066-76-7
1,1'-Biphenyl, 2,2',4,4',5,5'-hexabromo-		59080-40-9
2,2',4,4',6,6'-Hexabromobiphenyl		59261-08-4
3,3',4,4',5,5'-Hexabromobiphenyl		60044-26-0
2,2',3,4,4',5'-Hexabromobiphenyl		67888-98-6
2,3',4,4',5,5'-Hexabromobiphenyl		67888-99-7
2,2',3,4',5,6'-Hexabromobiphenyl		69278-59-7
2,3,3',4,4',5'-Hexabromobiphenyl		77607-09-1
2,2',3,4,4',5'-Hexabromobiphenyl		81381-52-4
2,2',3,3',4,4'-Hexabromobiphenyl		82865-89-2
2,2',3,3',4,5'-Hexabromobiphenyl		82865-90-5
2,3,3',4',5,6'-Hexabromobiphenyl		82865-91-6
2,3,3',4,4',5'-Hexabromobiphenyl		84303-47-9
2,3',4,4',5,6'-Hexabromobiphenyl		84303-48-0
2,2',3,4',6,6'-Hexabromobiphenyl		93261-83-7
2,2',3,3',4,6'-Hexabromobiphenyl		119264-50-5
2,2',3,3',5,6'-Hexabromobiphenyl		119264-51-6
2,2',3,4,5',6'-Hexabromobiphenyl		119264-52-7
2,2',3,5,5',6'-Hexabromobiphenyl		119264-53-8
2,2',3,4,5,5'-Hexabromobiphenyl		120991-47-1
2,3,3',4,5,5'-Hexabromobiphenyl		120991-48-2
1,1'-Biphenyl, 2,3,3',4'-tetrabromo-		40088-45-7
Pentabromobiphenyl		56307-79-0
Heptabromobiphenyl		35194-78-6
Bromkal 80		61288-13-9
Nonabromo-1,1'-biphenyl		27753-52-2
Decabromobiphenyl		13654-09-6
Other Polybrominated Biphenyls (PBBs)		-
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS): Annex II (EU) 2019/1021 (POPs): Annex I	
Note		

No.16	Polybrominated Diphenylethers (PBDEs)		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
All Products		- Intentional added - 0.1 mass% of article(1000ppm)	
Exclusion	None		
Substance/Substance group			CAS No. (Note 3)
Monobromodiphenyl ether			101-55-3
Dibromodiphenyl ether			2050-47-7
Tribromodiphenyl ether			49690-94-0
Tetrabromodiphenyl ether C12H6Br4O			40088-47-9,5436-43-1 93703-48-1,103173-66-6
Pentabromodiphenyl ether C12H5Br5O			32534-81-9,60348-60-9 189084-65-9
Hexabromodiphenyl ether C12H4Br6O			36483-60-0,31153-30-7 35854-94-5,68631-49-2 116995-33-6,207122-15-4
Heptabromodiphenyl ether C12H3Br7O			68928-80-3,116995-32-5 117948-63-7,207122-16-5 446255-22-7
Diphenylether; octabromo derivate			32536-52-0
Nonabromodiphenyl ether			63936-56-1
Other Polybrominated Diphenylethers (PBDEs)			-
Referenced laws & regulations	(JP) Chemical Substances Control Law: Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS): Annex II (EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): Annex XVII Restriction substances (US) Toxic Substances Control Act (TSCA): Section 6		
Note			

No.17	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
All Products		- Intentional added - 0.1 mass% of article(1000ppm)	
Exclusion			
Application	Law & regulations_Code	Description*1	Scope and dates of applicability
All Products	TSCA_DecaBDE-4	Replacement parts for motor vehicles	-
	TSCA_DecaBDE-5	Plastic shipping pallets manufactured prior March 8, 2021.	-
	TSCA_DecaBDE-6	For recycling of decaBDE-containing plastic from products or articles and decaBDE-containing products or articles made from such recycled plastic	-
Substance/Substance group			CAS No. (Note 3)
Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate			117-81-7
Referenced laws & regulations	(JP) Chemical Substances Control Law: Class I Specified Chemical Substances (EU) 2011/65/EU (RoHS): Annex II (EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): Annex XVII Restriction substances (US) Toxic Substances Control Act (TSCA): Section 6		
Note	*1. If there is a difference from the Toxic Substances Control Act (TSCA): Section 6, the law will take precedence.		

No.18	Bis (2-ethylhexyl) phthalate (DEHP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
Parts and materials used in electrical and electronic equipment All Products (Equipment covered under the EU RoHS Directive)	- Intentional added - 0.1 mass% of article(1000ppm)	
All uses other than the above	- 0.1 mass% (1000 ppm) or more in plasticized material (As the sum of DEHP, DBP, BBP, DIBP)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Bis(2-ethylhexyl) phthalate (DEHP); di-(2-ethylhexyl) phthalate	117-81-7	
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.19	Diisobutyl phthalate (DIBP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
Parts and materials used in electrical and electronic equipment All Products (Equipment covered under the EU RoHS Directive)	- Intentional added - 0.1 mass% of article(1000ppm)	
All uses other than the above	- 0.1 mass% (1000 ppm) or more in plasticized material (As the sum of DEHP, DBP, BBP, DIBP)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Diisobutyl phthalate (DIBP)	84-69-5	
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.20	Dibutyl phthalate (DBP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
Parts and materials used in electrical and electronic equipment All Products (Equipment covered under the EU RoHS Directive)	- Intentional added - 0.1 mass% of article(1000ppm)	
All uses other than the above	- 0.1 mass%(1000ppm) or more in plasticized material (As the sum of DEHP, DBP, BBP, DIBP)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dibutyl phthalate (DBP)	84-74-2	
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.21	Benzyl butyl phthalate (BBP)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
Parts and materials used in electrical and electronic equipment All Products (Equipment covered under the EU RoHS Directive)		- Intentional added - 0.1 mass% of article(1000ppm)
All uses other than the above		- 0.1 mass%(1000ppm) or more in plasticized material (As the sum of DEHP, DBP, BBP, DIBP)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Benzyl butyl phthalate (BBP)		85-68-7
Referenced laws & regulations	(EU) 2011/65/EU (RoHS): Annex II (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006):The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.22	Nickel and Nickel compounds	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
Usage in which contact with skin is expected to be prolonged (belts, straps, ear phones, head phones and shoulder pads for bags, etc)		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Nickel		7440-02-0
Nickel monoxide		1313-99-1
Nickel dichloride		7718-54-9
Nickel (II) chloride hexahydrate (1:2:6)		7791-20-0
Nickel sulfate		7786-81-4
Nickel (II) sulfate hexahydrate (1:1:6)		10101-97-0
Sulfuric acid, nickel (2+) salt (1:1), heptahydrate		10101-98-1
Antimony nickel titanium oxide yellow		8007-18-9
Nickel niobium titanium yellow rutile		68611-43-8
C.I. Pigment Green 50		68186-85-6
Other Nickel compounds		-
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.23	Azocolourants and azodyes which form certain aromatic amines	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
Textiles and Leather		- 0.003% by weight of the finished textile/leather product(30ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
4-Aminobiphenyl; xenylamine; Biphenyl-4-ylamine		92-67-1
Benzidine; 4,4'-diaminobiphenyl; biphenyl-4,4'-ylenediamine		92-87-5
4-Chloro-o-toluidine		95-69-2
2-Naphthylamine; beta-naphthylamine		91-59-8
4-o-Tolylazo-o-toluidine; 4-amino-2',3-dimethylazobenzene; fast garnet GBC base; AAT; o-aminoazotoluene		97-56-3
5-nitro-o-toluidine		99-55-8
4-Chloraniline		106-47-8
2,4-Diaminoaniline; 4-methoxy-m-phenylenediamine		615-05-4
4,4'-Diaminodiphenylmethane; 4,4'-methylenedianiline		101-77-9
3,3'-Dichlorobenzidine; 3,3'-dichlorobiphenyl-4,4'-ylenediamine		91-94-1
3,3'-Dimethoxybenzidine; o-dianisidine		119-90-4
3,3'-Dimethylbenzidine; o-tolidine; 4,4'-bi-o-toluidine		119-93-7
4,4'-Methylenedi-o-toluidine		838-88-0
6-Methoxy-m-toluidine; p-cresidine		120-71-8
2,2'-Dichloro-4,4'-methylenedianiline; 4,4'-Methylene bis(2-chloroaniline)		101-14-4
4,4'-Oxydianiline; p-Aminophenyl ether		101-80-4
4,4'-Thiodianiline		139-65-1
o-Toluidine; 2-aminotoluene		95-53-4
4-Methyl-m-phenylenediamine; 2,4-Toluenediamine		95-80-7
2,4,5-Trimethylaniline		137-17-7
2-Methoxyaniline; o-anisidine		90-04-0
4-Aminoazobenzene		60-09-3
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note	The European Community's ban applies to azocolorants and azodyes that by reductive cleavage of azo groups may release one of the above 22 aromatic amines.	

No.24	Dibutyltin (DBT) compounds	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.1 mass% of tin in the part(1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Dibutyltin oxide		818-08-6
Dibutyltin diacetate		1067-33-0
Dibutyltin dilaurate; dibutyl [bis (dodecanoyloxy)] stannane		77-58-7
Dibutyltin maleate		78-04-6
Dibutyltin dichloride; (DBTC)		683-18-1
Dibutyltin bis (benzyl maleate)		7324-74-5
Other Dibutyltin (DBT) compounds		-
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.25	Diocetyltn compounds (DOT)		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
(a)Cloth, fiber, leather goods, and those materials (b)Two-component room temperature vulcanization molding kits (RTV-2 molding kits)		- 0.1 mass% of tin in the part(1000ppm)	
Exclusion			
Application	Law & regulations_Code	Description*1	Scope and dates of applicability
a) Textile articles intended to come into contact with the skin b) Two-component room temperature vulcanization molding kits (RTV-2 molding kits)	REACH Annex XVII_DOT-1	Any articles other than the following articles- textile articles intended to come into contact with the skin, - gloves, - footwear or part of footwear intended to come into contact with the skin, - walls and floor coverings, - two-component room temperature vulcanization molding kits (RTV-2 molding kits)	-
Applications other than the above	REACH Annex XVII_DOT-98	Any use which the content is not greater than the threshold, the equivalent of 0.1% by weight of tin	-
Substance/Substance group			CAS No. (Note 3)
Diocetyltn oxide, (Stannane, dioctyloxo-)			870-08-6
Diocetyltn dilaurate			3648-18-8
Diocetyltn maleate			16091-18-2
Acetic acid,2,2'-[(dioctylstannylene)bis(thio)] bis-, 1,1'-diisooctyl ester			26401-97-8
Dichlorodioctylstannane			3542-36-7
Other Diocetyltn oxide			-
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances		
Note	*1. If there is a difference from the REACH (No 1907/2006): Annex XVII Restriction substances, the Restriction substances will take precedence.		

No.26	Specified organic tin compounds (Tri-substituted organostannic compounds (include TBT, TPT))	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1 mass% of tin in the part(1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No.(Note 3)	
Stannylum, triphenyl-	668-34-8	
Triphenyltin dimethyldithiocarbamate	1803-12-9	
Stannane, fluorotriphenyl-	379-52-2	
Stannane, acetoxotriphenyl-	900-95-8	
Triphenyl tin chloride	639-58-7	
Triphenyltin hydroxide	76-87-9	
(Chloroacetoxy)triphenylstannane	7094-94-2	
Tributyltin methacrylate	2155-70-6	
Bis(tributylstannyl)Fumarate	6454-35-9 24291-45-0	
Triphenyltin fattyacid((9-11)salt)	18380-71-7 18380-72-8 94850-90-5 47672-31-1	
Stannane, tributylfluoro-	1983-10-4 7304-48-5	
Bis(tributyltin)2,3-dibromosuccinate	31732-71-5, 56323-17-2	
Tributyltin acetate	56-36-0	
Tributyl(lauroyloxy)stannane	3090-36-6	
Bis(tributyltin)phthalate	4782-29-0	
Copolymer of alkyl(c=8) acrylate,methyl methacrylate and tributyltin methacrylate	67772-01-4	
Tributyltin sulfamate	6517-25-5	
Bis(tributyltin) maleate	14275-57-1	
Tributyltin chloride	1461-22-9 7342-38-3	
Tributyltin naphthenate; Stannane, tributyl-, mono(naphthenoyloxy) derivs.	85409-17-2	
[1R-(1.alpha.,4a.beta.,4b.alpha.,10a.alpha.)]- Tributyl[[[1,2,3,4,4a,4b,5,6,10,10a-decahydro - 7 - isopropyl -1,4a-dimethyl - 1 - phenanthryl] carbonyl] oxy] stannane	26239-64-5	
Bromotrimethylstannane	1066-44-0	
Trimethyltin chloride	1066-45-1	
Tributyltin methoxide	1067-52-3	
Tributyltin hydroxide	1067-97-6	
Trimethyltin azide	1118-03-2	
Trimethyltin acetate	1118-14-5	
Tributyltin methanesulphonate	13302-06-2	
Tributyltin Acrylate	13331-52-7	
Tributyltin bromide	1461-23-0	
Triethyltin phenoxide	1529-30-2	
Triethyltin acetate	1907-13-7	
Tributyltin dimethyldithiocarbamate	20369-63-5	
Tributyltin cyanide	2179-92-2	
Tripropyltin chloride	2279-76-7	
Tributyltin linoleate	24124-25-2	
Bis(tributyltin) itaconate	25711-26-6	
Tributyltin cinnamate	27147-18-8	
Tripropyltin bromide	2767-61-5	
Triethyltin iodide	2943-86-4	
Tributyl(oleoyloxy) stannane	3090-35-5	
Tributyltin gamma-chlorobutyrate	33550-22-0	
Tributyl(4-nitrophenoxy) stannane	3644-32-4	
(2-biphenyloxy) tributyltin	3644-37-9	

No.26	Specified organic tin compounds (trisubstituted stannanes(include TBT,TPT))(Continued)	
Substance/Substance group	CAS No.(Note 3)	
Tributyltin naphthenate	36631-23-9	
Tributyltin nonanoate	4027-14-9	
Tributyltin cyanate	4027-17-2	
2-Butenoic acid,4-oxo-4-[(tributylstannyl)oxy] but-2-enoic acid	4027-18-3	
Tripropyltin methacrylate	4154-35-2	
Tri-n-butyl tin salicylate	4342-30-7	
Tributyltin benzoate	4342-36-3	
Trimethyltin thiocyanate	4638-25-9	
Tributyltin 2-ethylhexanoate	5035-67-6	
Tributyltin isopropylsuccinate	53404-82-3	
Tributyltin monopropylene glycol maleate	53466-85-6	
Trimethyltin hydroxide	56-24-6	
Tributyltin	56573-85-4	
Tripropyltin laurate	57808-37-4	
Tributyltin chloroacetate	5847-52-9	
Trimethyltin sulphate	63869-87-4	
Tributyltin isothiocyanate	681-99-2	
Tributyltin (and salts and esters)	688-73-3	
Tributyltin undecylenate	69226-47-7	
Tripropyltin iodide	7342-45-2	
Tributyltin iodide	7342-47-4	
Tributyltin iodoacetate	73927-91-0	
Tripropyltin iodoacetate	73927-92-1	
Tributyltin o-iodobenzoate	73927-93-2	
Tributyltin. beta. -iodopropionate	73927-95-4	
Tributyltin iso-octylthioacetate	73927-97-6	
Tributyltin p-iodobenzoate	73940-88-2	
Tributyltin. alpha. - (2,4,5-trichlorophenoxy) propionate	73940-89-3	
1,3,5-tris(tributyltin)-S-triazine-2,4,6-trione	752-58-9	
Trimethyltin iodide	811-73-4	
Triphenyltin hydride	892-20-6	
Triphenyltin iodide	894-09-7	
Triethyltin chloride	994-31-0	
Triethyltin hydroxide	994-32-1	
Other Tri-substituted organostannic compounds	-	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.27	Ozone Depleting Substances (CFC, Halon, HBFC & others)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Trichlorofluoromethane (CFC-11)	75-69-4	
Dichlorodifluoromethane (CFC-12)	75-71-8	
Chlorotrifluoromethane (CFC-13)	75-72-9	
Pentachlorofluoroethane (CFC-111)	354-56-3	
Tetrachlorodifluoroethane (CFC-112)		
1,1,2,2-Tetrachloro-1,2-difluoroethane (CFC-112)	76-12-0	
1,1,1,2-Tetrachlor-2,2-difluoroethane (CFC-112a)	76-11-9	
Trichlorotrifluoroethane (CFC-113)		
1,1,2-Trichloro-1,2,2-trifluoroethane (CFC-113)	76-13-1	
1,1,1-Trichloro-2,2,2-trifluoroethane (CFC-113a)	354-58-5	
Trichlorotrifluoroethane (CFC-113)	26523-64-8	
Cryofluorane (CFC-114)	76-14-2	
Monochloropentafluoroethane (CFC-115)	76-15-3	
Heptachlorofluoropropane (CFC-211)		
1,1,1,2,2,3,3-Heptachloro-3-fluoropropane (CFC-211aa)	422-78-6	
1,1,1,2,2,3,3-Heptachloro-2-fluoropropane (CFC-211ba)	422-81-1	
Heptachlorofluoropropane(CFC-211)	135401-87-5	
Hexachlorodifluoropropane (CFC-212)		
1,1,1,3,3,3-Hexachlor-2,2-difluoropropane (CFC-212)	3182-26-1	
Hexachlorodifluoropropane (CFC-212)	134452-44-1	
Pentachlorotrifluoropropane (CFC-213)		
1,1,1,3,3-Pentachlor-2,2,3-trifluoropropane (CFC-213)	2354-06-5	
Pentachlorotrifluoropropane (CFC-213)	134237-31-3	
Tetrachlorotetrafluoropropane (CFC-214)		
Tetrachlorotetrafluoropropane (CFC-214)	29255-31-0	
1,2,2,3-Tetrachloro-1,1,3,3-tetrafluoropropane (CFC-214aa)	677-68-9	
1,1,1,3-Tetrachloro-2,2,3,3-tetrafluoropropane (CFC-214cb)	2268-46-4	
Trichloropentafluoropropane (CFC-215)		
1,2,2-Trichloro-1,1,3,3,3-pentafluoropropane (CFC-215aa)	1599-41-3	
1,2,3-Trichloro-1,1,2,3,3-pentafluoropropane (CFC-215ba)	76-17-5	
1,1,2-Trichloro-1,3,3,3-tetrafluoropropane (CFC-215bb)	812-30-6	
1,1,3-Trichloro-1,2,2,3,3-pentafluoropropane (CFC-215ca)	1652-81-9	
1,1,1-Trichloro-2,2,3,3,3-pentafluoropropane (CFC-215cb)	4259-43-2	
Dichlorohexafluoropropane (CFC-216)		
1,2-Dichloro-1,1,2,3,3,3-hexafluoro-propane (CFC-216ba)	661-97-2	
1,3-Dichloro-1,1,2,2,3,3-hexafluoro-propane (CFC-216ca)	662-01-1	
Chloroheptafluoropropane (CFC-217)		
2-Chloro-1,1,1,2,3,3,3-heptafluoropropane (CFC-217ba)	76-18-6	
1-Chloro-1,1,2,2,3,3,3-heptafluoropropane (CFC-217ca)	422-86-6	
Bromochloromethane (Halon-1011)	74-97-5	
Dibromodifluoromethane (Halon-1202)	75-61-6	
Bromochlorodifluoromethane (Halon-1211)	353-59-3	
Bromotrifluoromethane (Halon-1301)	75-63-8	
Dibromotetrafluoroethane (Halon-2402)		
1,2-Dibrom-1,1,2,2-tetrafluoroethan	124-73-2	
2,2-Dibromo-1,1,1,2-tetrafluoroethane	27336-23-8	
Dibromotetrafluoroethane	25497-30-7	
Carbon tetrachloride	56-23-5	
1,1,1-Trichloroethane (Ethane, 1,1,1-trichloro-)	71-55-6	
Methyl bromide (Bromomethane)	74-83-9	
Bromoethane (ethyl bromide)	74-96-4	
1-Bromopropane; Propyl bromide; n-Propyl bromide	106-94-5	

No.27	Ozone Depleting Substances (CFC, Halon, HBFC & others) (Continued)	CAS No. (Note 3)
Substance/Substance group		
Trifluoroiodomethane (trifluoromethyl iodide)		2314-97-8
Chloromethane (methyl chloride)		74-87-3
Dibromofluoromethane (HBFC-21B2)		1868-53-7
Bromodifluoromethane (HBFC-22B1)		1511-62-2
Bromofluoromethane (HBFC-31B1)		373-52-4
Tetrabromofluoroethane (HBFC-121 B4)		
1,1,2,2-tetrabromo-1-fluoro-ethane		306-80-9
Tetrabromofluoroethane		353-93-5
Tribromodifluoroethane (HBFC-122 B3)		
1,1,2-tribromo-1,2-difluoroethane		353-97-9
1,2,2-tribromo-1,1-difluoroethane		677-34-9
1,1,1-tribromo-2,2-difluoroethane		7304-53-2
Dibromotrifluoroethane (HBFC-123 B2)		
1,2-Dibromo-1,1,2-trifluoroethane		354-04-1
Bromotetrafluoroethane (HBFC-124 B1)		
2-Bromo-1,1,1,2-tetrafluoroethane		124-72-1
Tribromofluoroethane (HBFC-131 B3)		
1,1,2-tribromo-1-fluoroethane		420-88-2
1,1,2-tribromo-2-fluoroethane		598-67-4
Dibromodifluoroethane (HBFC-132 B2)		
1,2-Dibromo-1,1-difluoroethane		75-82-1
1,1-Dibromo-2,2-difluoroethane (Ethane, 1,1-Dibromo-2,2-difluoro-)		359-19-3
1,1-Dibromo-2,2-difluoroethylene		430-85-3
Bromotrifluoroethane (HBFC-133 B1)		
2-Bromo-1,1,1-trifluoroethane (HBFC-133a B1)		421-06-7
Dibromofluoroethane (HBFC-141 B2)		
1,2-Dibromo-1-fluoroethane		358-97-4
Bromodifluoroethane (HBFC-142 B1)		
1-Bromo-1,1-difluoroethane		420-47-3
Bromo-1,1-difluoroethane (Ethane, 2-bromo-1,1-difluoro-)		359-07-9
Bromofluoroethane (HBFC-151 B1)		
1-Bromo-2-fluoroethane		762-49-2
Hexabromofluoropropane (HBFC-221 B6)		-
Pentabromodifluoropropane (HBFC-222 B5)		-
Tetrabromotrifluoropropane (HBFC-223 B4)		-
Tribromotetrafluoropropane (HBFC-224 B3)		-
Dibromopentafluoropropane (HBFC-225 B2)		431-78-7
Bromohexafluoropropane (HBFC-226 B1)		
1-Bromo-1,1,2,3,3,3-hexafluoropropane		2252-78-0
Pentabromofluoropropane (HBFC-231 B5)		-
Tetrabromodifluoropropane (HBFC-232 B4)		148875-98-3
Tribromotrifluoropropane (HBFC-233 B3)		
1,2,2-Tribromo-3,3,3-trifluoropropane		421-90-9
Dibromotetrafluoropropane (HBFC-234 B2)		
1,3-Dibromo-1,1,3,3-tetrafluoropropane		460-86-6
Bromopentafluoropropane (HBFC-235 B1)		
1-bromo-1,1,3,3,3-pentafluoro-propane		460-88-8
2-bromo-1,1,1,3,3-pentafluoro-propane		22692-16-6
2-bromo-1,1,2,3,3-pentafluoro-propane		26391-11-7
1-bromo-1,1,2,2,2-pentafluoro-propane		422-01-5
Propane, 3-bromo-1,1,1,2,3-pentafluoro-, (R*, S*)- (9CI)		53692-43-6
Propane, 3-bromo-1,1,1,2,3-pentafluoro-, (R*, R*)- (9CI)		53692-44-7
2-bromo-1,1,1,2,3-pentafluoro-propane		677-52-1
1-bromo-1,1,2,2,3-pentafluoro-propane		677-53-2
1-bromo-1,2,2,3,3-pentafluoro-propane		679-94-7
Tetrabromofluoropropane (HBFC-241 B4)		
1,1,1,3-tetrabromo-3-fluoro-propane		148875-95-0

No.27	Ozone Depleting Substances (CFC, Halon, HBFC & others) (Continued)
Substance/Substance group	CAS No. (Note 3)
Tribromodifluoropropane (HBFC-242 B3)	
1,1,1-tribromo-2,2-difluoro-propane	70192-80-2
1,2,3-Tribromo-3,3-difluoropropane	666-25-1
Tribromodifluoropropane (HBFC-242 B3)	
1,1,1-tribromo-2,2-difluoro-propane	70192-80-2
1,2,3-Tribromo-3,3-difluoropropane	666-25-1
Dibromotrifluoropropane (HBFC-243 B2)	
2,3-Dibromo-1,1,1-trifluoropropane	431-21-0
Bromotetrafluoropropane (HBFC-244 B1)	
3-Bromo-1,1,2,2-tetrafluoropropane	679-84-5
2-bromo-1,1,3,3-tetrafluoro-propane	19041-01-1
2-bromo-1,3,3,3-tetrafluoropropane	29151-25-5
3-bromo-1,1,1,3-tetrafluoropropane	460-67-3
1-bromo-1,2,2,3-tetrafluoro-propane	70192-71-1
1-bromo-1,1,2,2-tetrafluoropropane	70192-84-6
Tribromofluoropropane (HBFC-251 B3)	
1,2,3-tribromo-1-fluoro-propane	75372-14-4
Dibromodifluoropropane (HBFC-252 B2)	
1,3-Dibromo-1,1-difluoropropane	460-25-3
Bromotrifluoropropane (HBFC-253 B1)	
2-bromo-1,1,1-trifluoro-propane	421-46-5
3-Bromo-1,1,1-trifluoropropane (Propane, 3-Bromo-1,1,1-trifluoro-)	460-32-2
Dibromofluoropropane (HBFC-261 B2)	
1,3-Dibromo-1-fluoropropane	51584-26-0
1,3-Dibromo-2-fluoropropane	1786-38-5
1,2-Dibromo-3-fluoropropane	453-00-9
1,2-Dibromo-1-fluoro- (R*, S*)-propane	62135-10-8
1,2-Dibromo-1-fluoro- (R*, R*)-propane	62135-11-9
Bromodifluoropropane (HBFC-262 B1)	
1-bromo-2,3-difluoro-propane	111483-20-6
2-bromo-1,3-difluoro-propane	2195-05-3
1-bromo-1,1-difluoro-propane	420-89-3
1-bromo-2,2-difluoro-propane	420-98-4
2-bromo-1,1-difluoro-propane	430-87-5
3-bromo-1,1-difluoro-propane	461-49-4
Bromofluoropropane (HBFC-271 B1)	
1-bromo-2-fluoro-propane	1871-72-3
1-Bromo-3-fluoropropane (Propane, 1-Bromo-3-fluoro-)	352-91-0
Dichlorofluoromethane (HCFC-21)	75-43-4
Chlorodifluoromethane (HCFC-22)	75-45-6
Chlorofluoromethane (HCFC-31)	593-70-4
Tetrachlorofluoroethane (HCFC-121)	
1,1,2,2-Tetrachloro-1-fluoroethane (HCFC-121)	354-14-3
1,1,1,2-Tetrachloro-2-fluoroethane (HCFC-121a)	354-11-0
Tetrachlorofluoroethane (HCFC-121)	134237-32-4
Trichlorodifluoroethane (HCFC-122)	
1,2,2-Trichloro-1,1-difluoroethane (HCFC-122)	354-21-2
1,1,2-Trichloro-1,2-difluoroethane (HCFC-122a)	354-15-4
1,1,1-Trichloro-2,2-difluoroethane (HCFC-122b)	354-12-1
Trichlorodifluoroethane (HCFC-122)	41834-16-6
Dichlorotrifluoroethane (HCFC-123)	
2,2-dichloro-1,1,1-trifluoro-ethane (HCFC-123)	306-83-2
1,2-Dichloro-1,1,2-trifluoro-ethane (HCFC-123a)	354-23-4,90454-18-5
1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	812-04-4
Dichlorotrifluoroethane (HCFC-123)	34077-87-7

No.27	Ozone Depleting Substances (CFC, Halon, HBFC & others) (Continued)
Substance/Substance group	CAS No. (Note 3)
Chlorotetrafluoroethane (HCFC-124)	
2-chloro-1,1,1,2-tetrafluoro-ethane (HCFC-124)	2837-89-0
1-chloro-1,1,2,2-tetrafluoro-ethane (HCFC-124a)	354-25-6
Chlorotetrafluoroethane (HCFC-124)	63938-10-3
Trichlorofluoroethane (HCFC-131)	
1,1,2-Trichloro-2-fluoro-ethane (HCFC-131)	359-28-4, 134237-34-6
1,1,2-Trichloro-1-fluoro-ethane (HCFC131a)	811-95-0
1,1,1-Trichloro-2-fluoro-ethane (HCFC-131b)	2366-36-1
Trichlorofluoroethane (HCFC-131)	27154-33-2
Dichlorodifluoroethane (HCFC-132)	
1,2-Dichloro-1,2-difluoroethane (HCFC-132)	431-06-1
1,1-Dichloro-2,2-difluoroethane (HCFC-132a)	471-43-2
1,2-Dichloro-1,1-difluoroethane (HCFC-132b)	1649-08-7
1,1-Dichloro-1,2-difluoroethane (HFCF-132c)	1842-05-3
Dichlorodifluoroethane (HCFC-132)	25915-78-0
Chlorotrifluoroethane (HCFC-133)	
1-Chloro-1,2,2-trifluoroethane (HCFC-133)	431-07-2
2-Chloro-1,1,1-trifluoroethane (HCFC-133a)	75-88-7
1-Chloro-1,1,2-trifluoroethane (HCFC-133b)	421-04-5
Chlorotrifluoroethane (HCFC-133)	1330-45-6
Dichlorofluoroethane (HCFC-141)	
1,2-Dichloro-1-fluoroethane (HCFC-141)	430-57-9
1,1-Dichloro-2-fluoroethane (HCFC-141a)	430-53-5
1,1-Dichloro-1-fluoroethane (HCFC-141b)	1717-00-6
Dichlorofluoroethane (HCFC-141)	25167-88-8
Chlorodifluoroethane (HCFC-142)	
2-Chloro-1,1-difluoroethane (HCFC-142)	338-65-8
1-Chloro-1,2-difluoroethane (HCFC-142a)	338-64-7
1-Chloro-1,1-difluoroethane (HCFC-142b)	75-68-3
Chlorodifluoroethanes (HCFC-142)	25497-29-4
Chlorofluoroethane (HCFC-151)	
1-Chloro-2-fluoroethane (HCFC-151)	762-50-5
1-Chloro-1-fluoroethane (HCFC-151a)	1615-75-4
Chlorofluoroethane (HCFC-151)	110587-14-9
Hexachlorofluoropropane (HCFC-221)	
1,1,1,2,2,3-Hexachloro-3-fluoropropane (HCFC-221ab)	422-26-4
Hexachlorofluoropropane (HCFC-221)	134237-35-7,29470-94-8
Pentachlorodifluoropropane (HCFC-222)	
1,2,2,3,3-Pentachloro-1,1-difluoropropane (HCFC-222aa)	422-30-0
1,1,1,3,3-Pentachloro-2,2-difluoropropane (HCFC-222ca)	422-49-1
Pentachlorodifluoropropane (HCFC-222)	134237-36-8
Tetrachlorotrifluoropropane (HCFC-223)	
1,1,3,3-Tetrachloro-1,2,2-trifluoropropane (HCFC-223ca)	422-52-6
1,1,1,3-Tetrachloro-2,2,3-trifluoropropane (HCFC-223cb)	422-50-4
Tetrachlorotrifluoropropane (HCFC-223)	134237-37-9
Trichlorotetrafluoropropane (HCFC-224)	
1,3,3-Trichloro-1,1,2,2-tetrafluoropropane (HCFC-224ca)	422-54-8, 134237-38-0
1,1,3-Trichloro-1,2,2,3-tetrafluoropropane (HCFC-224cb)	422-53-7
1,1,1-Trichloro-2,2,3,3-tetrafluoropropane (HCFC-224cc)	422-51-5

No.27	Ozone Depleting Substances (CFC, Halon, HBFC & others) (Continued)	
Substance/Substance group	CAS No. (Note 3)	
Dichloropentafluoropropane (HCFC-225)		
2,2-Dichloro-1,1,1,3,3-pentafluoropropane (HCFC-225aa)	128903-21-9	
2,3-Dichloro-1,1,1,2,3-pentafluoropropane (HCFC-225ba)	422-48-0	
1,2-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225bb)	422-44-6	
3,3-Dichloro-1,1,1,2,2-pentafluoropropane (HCFC-225ca)	422-56-0	
1,3-Dichloro-1,1,2,2,3-pentafluoropropane (HCFC-225cb)	507-55-1	
1,1-Dichloro-1,2,2,3,3-pentafluoropropane (HCFC-225cc)	13474-88-9	
1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225da)	431-86-7	
1,3-Dichloro-1,1,2,3,3-pentafluoropropane (HCFC-225ea)	136013-79-1	
1,1-Dichloro-1,2,3,3,3-pentafluoropropane (HCFC-225eb)	111512-56-2	
1,2-Dichloro-1,1,3,3,3-pentafluoropropane (HCFC-225)	127564-92-5	
Chlorohexafluoropropane (HCFC-226)		
2-Chloro-1,1,1,3,3,3-hexafluoro-propane (HCFC-226da)	431-87-8	
Chlorohexafluoropropane (HCFC-226)	134308-72-8	
Pentachlorofluoropropane (HCFC-231)		
1,1,1,2,3-pentachloro-2-fluoro-propane (HCFC-231bb)	421-94-3	
Pentachlorofluoropropane (HCFC-231)	134190-48-0	
Tetrachlorodifluoropropane (HCFC-232)		
1,1,1,3-Tetrachloro-3,3-difluoropropane (HCFC-232fc)	460-89-9	
Tetrachlorodifluoropropane (HCFC-232)	134237-39-1	
Trichlorotrifluoropropane (HCFC-233)		
1,1,1-Trichloro-3,3,3-trifluoropropane (HCFC-233fb)	7125-83-9	
Trichlorotrifluoropropane (HCFC-233)	134237-40-4	
Dichlorotetrafluoropropane (HCFC-234)		
1,2-Dichloro-1,2,3,3-tetrafluoropropane (HCFC-234db)	425-94-5	
Dichlorotetrafluoropropane (HCFC-234)	127564-83-4	
Chloropentafluoropropane (HCFC-235)		
1-Chloro-1,1,3,3,3-pentafluoropropane (HCFC-235fa)	460-92-4	
Chloropentafluoropropane (HCFC-235)	134237-41-5	
Tetrachlorofluoropropane (HCFC-241)		
1,1,2,3-Tetrachloro-1-fluoropropane (HCFC-241db)	666-27-3	
Tetrachlorofluoropropane (HCFC-241)	134190-49-1	
Trichlorodifluoropropane (HCFC-242)		
1,3,3, Trichloro-1,1-difluoropropane (HCFC-242fa)	460-63-9	
Trichlorodifluoropropane (HCFC-242)	134237-42-6,127564-90-3	
Dichlorotrifluoropropane (HCFC-243)		
1,1-Dichloro-1,2,2-trifluoropropane (HCFC-243cc)	7125-99-7	
2,3-Dichloro-1,1,1-trifluoropropane (HCFC-243db)	338-75-0	
3,3-Dichloro-1,1,1-trifluoropropane (HCFC-243fa)	460-69-5	
Dichlorotrifluoropropane (HCFC-243)	134237-43-7	
Chlorotetrafluoropropane (HCFC-244)		
3-Chloro-1,1,2,2-tetrafluoropropane (HCFC-244ca)	679-85-6	
1-Chloro-1,1,2,2-tetrafluoropropane (HCFC-244cc)	421-75-0	
Chlorotetrafluoropropane (HCFC-244)	134190-50-4	
Trichlorofluoropropane (HCFC-251)		
1,1,2-Trichloro-1-fluoropropane (HCFC-251dc)	421-41-0	
1,1,3-Trichloro-1-fluoropropane (HCFC-251fb)	818-99-5	
Trichlorofluoropropane (HCFC-251)	134190-51-5	
Dichlorodifluoropropane (HCFC-252)		
1,3-Dichloro-1,1-difluoropropane (HCFC-252fb)	819-00-1	
Dichlorodifluoropropane (HCFC-252)	134190-52-6	
Chlorotrifluoropropane (HCFC-253)		
3-Chloro-1,1,1-trifluoropropane (HCFC-253fb)	460-35-5	
Chlorotrifluoropropane (HCFC-253)	134237-44-8	
Dichlorofluoropropane (HCFC-261)		
1,2-Dichloro-2-fluoro-propane (HCFC-261ba)	420-97-3	
1,1-Dichloro-1-fluoropropane (HCFC-261fc)	7799-56-6	
Dichlorofluoropropane (HCFC-261)	134237-45-9	

No.27	Ozone Depleting Substances (CFC, Halon, HBFC & others) (Continued)	
Substance/Substance group		CAS No. (Note 3)
Chlorodifluoropropane (HCFC-262)		
1-Chloro-2,2-difluoropropane (HCFC-262ca)		420-99-5
2-chloro-1,3-difluoropropane (HCFC-262da)		102738-79-4
1-Chloro-1,1-difluoropropane (HCFC-262fc)		421-02-3
Chlorodifluoropropane (HCFC-262)		134190-53-7
Chlorofluoropropane (HCFC-271)		
2-Chloro-2-fluoropropane (HCFC-271ba)		420-44-0
1-Chloro-1-fluoropropane (HCFC-271fb)		430-55-7
Chlorofluoropropane (HCFC-271)		134190-54-8
Other Ozone Depleting Substances (CFC, Halon, HBFC & others)		-
Referenced laws & regulations	(United Nation) Montreal Protocol (EU) REACH (No 1907/2006): Annex XVII Restriction substances (EC) No. 1005/2009 of the European Parliament and of the Council on substances that deplete the ozone layer. (US) Clean Air Act Amendments of 1990.	
Note	The substance name and the other information like CAS No etc. listed in this table are examples from the contents which our company has investigated. These do not always cover all information. Some of the substances may be customarily called by product name of the article on behalf. For details, we hope that your company will confirm it by the information obtained from the upper stream of the supply chain.	

No.28	Radioactive Substances	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Uranium		7440-61-1
Radon		10043-92-2
Americium-241		14596-10-2
Thorium		7440-29-1
Cesium-137		10045-97-3
Strontium-90		10098-97-2
Other Radioactive Substances		-
Referenced laws & regulations	(JP) Act on the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors (JP) Act on Prevention of Radiation Hazards due to Radioisotopes, etc (EU) Directive 2013/59/Euratom (US) Nuclear Regulatory Commission Regulations title 10 CFR Part 20	
Note		

No.29	Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
Chemical substance, Mixture and Article using perfluorooctanoic acid (PFOA) and its salts		- Intentional added - 0.0000025 mass% of the part (as the sum of PFOA) (25ppb)	
Chemical substance, Mixture and Article using perfluorooctanoic acid (PFOA) related substances		- Intentional added - 0.0001 mass% of the part (as the sum of PFOA) (1ppm)	
Exclusion			
Application	Law & regulations_Code	Description*1	Scope and dates of applicability
All Products	Pops_ PFOA-3	Photolithography or etch processes in semiconductor manufacturing	2025/07/04
	Pops_ PFOA-4	Photographic coatings applied to films	2025/07/04
	Pops_ PFOA-13	PFOA and its salts equal to or below 1 mg/kg (0,0001 % by weight) where they are present in polytetrafluoroethylene (PTFE) micropowders that are transported or treated for the purpose to reduce the concentration of PFOA and its salts below the limit of 0,025 mg/kg (0,0000025 % by weight).	-
	Pops_ PFOA-98	Concentrations of PFOA or any of its salts equal to or below 0,025 mg/kg (0,0000025 % by weight) where they are present in substances, mixtures or articles. Or concentrations of any individual PFOA-related compound or a combination of PFOA-related compounds equal to or below 1 mg/kg (0,0001 % by weight) where they are present in substances, mixtures or articles.	-
	※The items mentioned of "(EU) 2019/1021 (POPs): Annex I" https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32020R0784&from=EN		
Substance/Substance group		CAS No. (Note 3)	
Perfluorooctanoic acid (PFOA)		335-67-1	
Ammoniumpentadecafluorooctanoate		3825-26-1	
Sodium salt of PFOA		335-95-5	
Potassium salt of PFOA		2395-00-8	
Silver salt of PFOA		335-93-3	
Pentadecafluorooctyl fluoride		335-66-0	
Methylperfluorooctanoate		376-27-2	
Ethylperfluorooctanoate		3108-24-5	
1-Decanol, 3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,10-heptadecafluoro-		678-39-7	
8:2 Fluorotelomer methacrylate		1996-88-9	
other		-	
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances (EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances		
Note	*1. If there is a difference from the (EU) 2019/1021 (POPs), the restriction substances will take precedence.		

No.30	Polycyclic-aromatic hydrocarbons (PAH)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity contact except those for toys or childcare articles		- 0.0001 mass% of the plastic or rubber part (1ppm)
Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or repetitive skin or oral cavity contact		- 0.00005 mass% of the plastic or rubber part (0.5ppm)
Applications other than the above		- 0.1 mass% of the plastic or rubber part (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Benzo[a]pyrene (BaP); benzo[d,e,f]chrysene		50-32-8
Benzo[e]pyrene (BeP)		192-97-2
Benzo[a]anthracene (BaA)		56-55-3
Chrysen (CHR)		218-01-9
Benzo[b]fluoranthene (BbFA); benzo[e]acephenanthrylene		205-99-2
Benzo[j]fluoranthene (BjFA)		205-82-3
Benzo[k]fluoranthene (BkFA)		207-08-9
Dibenzo[a,h]anthracene (DBAhA)		53-70-3
Naphthalene		91-20-3
Anthracene		120-12-7
Phenanthrene		85-01-8
Fluoranthene		206-44-0
Pyrene		129-00-0
Benzo[ghi]perylene		191-24-2
Other Polycyclic-aromatic hydrocarbons (PAH)		SN0112
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.31	Formaldehyde	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
(a) clothing or related accessories, (b) textiles other than clothing which, under normal or reasonably foreseeable conditions of use, come into contact with human skin to an extent similar to clothing, (c) footwear		- 0.0075 mass% of textile (75 ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Formaldehyde		50-00-0
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (US) Toxic Substances Control Act (TSCA): Section 6	
Note		

No.32	Tris (2-chloroethyl) phosphate (TCEP) and specific chlorine-based compound		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
All Products		- Intentional added - 0.1 mass% of tin in the part (1000ppm)	
Exclusion	None		
Substance/Substance group			CAS No. (Note 3)
Tris(2-chloroethyl) phosphate			115-96-8
Tris(2-chloro-1-methylethyl) phosphate			13674-84-5
Tris(1,3-dichloro-2-propyl) phosphate			13674-87-8
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances		
Note			

No.33	Phenol, isopropylated Phosphate (3:1) (PIP (3:1))		
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)	
All Products		- Intentional added	
Exclusion			
Application	Law & regulations_Code	Description*1	Scope and dates of applicability
All Products	TSCA_PIP-2	Adhesives and sealants	2025/01/06
	TSCA_PIP-3	Hydraulic fluids either for the aviation industry or military specifications for safety and performance where no alternative chemical	-
	TSCA_PIP-4	Lubricants and greases	-
	TSCA_PIP-5	New and replacement parts for motor and aerospace vehicles	-
	TSCA_PIP-6	Intermediate in a closed system to produce cyanoacrylate adhesives	-
	TSCA_PIP-7	Specialized engine air filters for locomotive and marine applications	-
	TSCA_PIP-8	Plastic recycled from PIP (3:1)-containing plastic, where no new PIP (3:1) is added during the recycling process	-
	TSCA_PIP-9	Products or articles made from recycled PIP (3:1)-containing plastic, where no new PIP (3:1) was added during the production of the products or articles made of recycled plastic.	-
	※The items mentioned of "(EU) 2019/1021 (POPs): Annex I" https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:32020R0784&from=EN		
Substance/Substance group			CAS No. (Note 3)
Tris(2-chloroethyl) phosphate			68937-41-7
Referenced laws & regulations	(US) Toxic Substances Control Act (TSCA): Section 6		
Note	*1. If there is a difference from the Toxic Substances Control Act (TSCA): Section 6, the Restriction substances will take precedence.		

No.34	Long-Chain Perfluoroalkyl Carboxylate and Perfluoroalkyl Sulfonate Chemical Substances (LCPFACs) (C9-C21 PFCA)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.0000025 mass% for the sum of C9-C14 PFCAs and their salts in article or mixture. - 0.0000026 mass% of one or a combination of C9-C14 pfca related substances, in article or mixture.
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Sodium;2-methylpropane-1-sulfonate		68187-47-3
1,1,2,2-Tetrahydroperfluoroalkyl(C8-C14) alcohol		68391-08-2
Thiols, C8-20, gamma-omega-perfluoro, telomers with acrylamide		70969-47-0
Thiols, C4-20, gamma-omega-perfluoro, telomers with acrylamide and acrylic acid, sodium salts)		1078712-88-5
1 - Propanaminium, 3- amino – N - (carboxymethyl) - N,Ndimethyl -,N- (2- ((gammaomega – perfluoro - C4 – 20 – alkyl) thio) acetyl) derivs ., inner salts		1078715-61-3
Perfluorononan-1-oic acid		375-95-1
Nonadecafluorodecanoic acid		335-76-2
Henicosafuoroundecanoic acid		2058-94-8
Tricosafuorododecanoic acid		307-55-1
Pentacosafuorotridecanoic acid		72629-94-8
Heptacosafuorotetradecanoic acid		376-06-7
Perfluoropentadecanoic acid		141074-63-7
Perfluorohexadecanoic acid		67905-19-5
Perfluoroheptadecanoic acid		57475-95-3
Perfluorooctadecanoic acid		16517-11-6
Perfluorononadecanoic acid		133921-38-7
Perfluoroeicosanoic acid		68310-12-3
Perfluorononan-1-oic acid		375-95-1
Ammonium salt of Perfluorononan-1-oic acid; Perfluorononan-1-oic acid, ammonium salt		4149-60-4
Sodium salts of Perfluorononan-1-oic acid		21049-39-8
Sodium nonadecafluorodecanoate		3830-45-3
Ammonium nonadecafluorodecanoate		3108-42-7
Other Perfluorononan-1-acids and their sodium and ammonium salts		-
Polyfluoroalkyl betaine (generic)		-
Modified fluoroalkyl urethane (generic)		-
Perfluorinated polyamine (generic)		
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (US) Toxic Substances Control Act (TSCA): Section 6	
Note	Please also refer to the IEC62474 DSL and RSL(https://std.iec.ch/iec62474/iec62474.nsf/) when searching for chemical substances.	

No.35	Pentachlorothiophenol(PCTP)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 1 mass% of tin in the part (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Pentachlorothiophenol		133-49-3
Referenced laws & regulations	(US) Toxic Substances Control Act (TSCA): Section 6	
Note		

No.36	Perfluorohexane-1-sulphonic acid and its salts (PFHxS) and PFHxS-related substances	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.000025 mass% (25 ppb) of PFHxS, their salts - 0.0001 mass% (1000 ppb) of one or a combination of PFHxS related substance
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Perfluorohexane-1-sulphonic acid		355-46-4
Ammonium perfluorohexane-1-sulphonate		68259-08-5
Potassium perfluorohexane-1-sulphonate		3871-99-6
Other Perfluorohexane-1-sulphonic acid and its salts (PFHxS) and PFHxS-related substances		-
Referenced laws & regulations	(UNITED NATION) POPs Convention	
Note	Please also refer to the IEC62474 DSL and RSL(https://std.iec.ch/iec62474/iec62474.nsf/) when searching for chemical substances.	

No.37	Arsenic/Arsenic compounds	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Arsenic, elemental		7440-38-2
Arsenic pentoxide; arsenic oxide		1303-28-2
Bis (arsenic acid) monohydrate		7774-41-6
Calcium arsenate		7778-44-1
Manganese hydrogenarsenate		7784-38-5
Copper acetoarsenite		12002-03-8
Arsenic pentachloride		22441-45-8
Sodium arsenite		7784-46-5
Calcium arsenite (2:3)		27152-57-4
Potassium arsenite		10124-50-2
Diarsenic trioxide; arsenic trioxide		1327-53-3
Arsenate (1-), hexafluoro-, lithium		29935-35-1
Pentafluoroarsorane		7784-36-3
Trifluoroarsine		7784-35-2
Calcium bis(hexafluoroarsenate)		17068-86-9
Arsenic acid (H3AsO4), copper salt		10103-61-4
Ferric arsenate		10102-49-5
Disodium hydrogen arsenate (Arsenic acid (H3AsO4), sodium salt (1:2))		7778-43-0
Lead hydrogen arsenate		7784-40-9
Arsenic acid (H3AsO4), zinc salt (2:3)		13464-44-3
Arsenous trichloride		7784-34-1
Arsenic acid, trisodium salt		13464-38-5
Potassium arsenate		7784-41-0
Arsin		7784-42-1
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.38	Polyvinyl chloride (PVC), PVC Copolymers and its blends	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Polyvinyl chloride (PVC)		9002-86-2
Other Polyvinyl chloride		-
Referenced laws & regulations	(US) JS709 (Definition of the low halogen)	
Note		

No.39	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo [12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus"™)		13560-89-9
1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aS,7S,10R,10aR,12aR)-rel-		135821-74-8
1,4:7,10-Dimethanodibenzo[a,e]cyclooctene, 1,2,3,4,7,8,9,10,13,13,14,14-dodecachloro-1,4,4a,5,6,6a,7,10,10a,11,12,12a-dodecahydro-, (1R,4S,4aS,6aR,7R,10S,10aS,12aR)-rel-		135821-03-3
Referenced laws & regulations	(UNITED NATION) POPs Convention (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.40	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.1 mass% of article (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)		25973-55-1
Referenced laws & regulations	(UN) POPs Convention (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.41	Dichloromethane	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Dichloromethane		75-09-2
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (US) Toxic Substances Control Act (TSCA): Section 6	
Note		

No.42	Chemical Substances Control Law: Class I Specified Chemical Substances (Substances that do not fall under No. 1 ~ No. 41)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Hexachlorobenzene		118-74-1
Aldrin		309-00-2
Dieldrin		60-57-1
Endrin		72-20-8
DDT (1,1,1-trichloro-2,2-bis (4-chlorophenyl) ethane)		50-29-3
Phenylenediamine		
N,N'-Ditoly-1,4-phenylenediamine		27417-40-9
N,N'-Bis(dimethylphenyl)-1,4-phenylenediamine		28726-30-9
N-(Dimethylphenyl)-N'-tolyl-1,4-phenylenediamine		70290-05-0
2,4,6-tris(1,1-dimethylethyl)- Phenol		732-26-3
Toxaphene		8001-35-2
Mirex		2385-85-5
Dicofol		115-32-2
Hexachlorobutadiene		87-68-3
Pentachlorobenzene		608-93-5
Hexachlorocyclohexane (Only the isomer α , β , γ)		
alpha-Hexachlorocyclohexane		319-84-6
beta-Hexachlorocyclohexane		319-85-7
gamma-Hexachlorocyclohexane		58-89-9
Chlordecone		143-50-0
Endosulfan		115-29-7,959-98-8 33213-65-9
Pentachlorophenol and its salts and esters		
Pentachlorophenol		87-86-5
Sodium pentachlorophenolate; Pentachlorophenol, sodium salt; Sodium-Pentachlorophenate; Phenol, 2,3,4,5,6-pentachloro-, sodium salt (1:1)		131-52-2
Sodium pentachlorophenolate monohydrate		27735-64-4
Pentachlorophenyl laurate		3772-94-9
Referenced laws & regulations	(JP) Chemical Substances Control Law:Class I Specified Chemical Substances	
Note		

No.43	Industrial Safety and Health Act (Articl 55)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Benzidine; 4,4'-diaminobiphenyl; biphenyl-4,4'-ylenediamine and individual salts		Ex) 92-87-5
4-Aminobiphenyl; xenylamine; Biphenyl-4-ylamine and individual salts		Ex) 92-67-1
4-Nitrobiphenyl and individual salts		Ex) 92-93-3
Bis(chloromethyl)ether; Oxybis(chloromethane)		542-88-1
2-Naphthylamine; beta-naphthylamine and individual salts		Ex) 91-59-8
1,1-Dichloro-2,2-difluoroethane and individual salts		Ex) 71-43-2
Yellow Phosphor match		-
Referenced laws & regulations	(JP) Industrial Safety and Health Act (Articl 55)	
Note		

No.44	Poisonous and Deleterious Substances Control Act: Specified Poisonous Substances	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Schradan		152-16-9
Diethyl p-nitrophenylthiophosphate		56-38-2
Dimethyl ethylmercaptoethyl thiophosphate		8022-00-2
Dimethyl phosphate ester 2-chloro-N,N-diethyl-3-hydroxycrotonamide		13171-21-6
Dimethyl-p-nitrophenylthiophosphate		298-00-0
Tetraethyl pyrophosphate		107-49-3
Fluoroacetic acid		Ex) 144-49-0
Fluoroacetic acid amide		640-19-7
Aluminium phosphide		20859-73-8
Referenced laws & regulations	(JP) Poisonous and Deleterious Substances Control Act: Specified Poisonous Substances	
Note		

No.45	Cyanogen compound (Applicable only to inorganic cyanogen compounds listed as "Poisonous" under the Poisonous and Deleterious Substances Control Act).	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Barium cyanide		542-62-1
Barium (SP-4-1)- tetracyanidoplatinate (2-)		562-81-2
Cyanogen bromide		506-68-3
Calcium cyanide		592-01-8
Copper cyanide		544-92-3
Copper dicyanide		14763-77-0
Copper (II) cyanide		4367-08-2
Hydrogen cyanide		74-90-8
Lead cyanide		592-05-2
Mercuric cyanide		592-04-1
Nickel dicyanide		557-19-7
Potassium cyanide		151-50-8
Potassium dicyanidoaurate(1-)		13967-50-5
Tripotassium (OC-6-11)-hexacyanidocobaltate(3-)		13963-58-1
Potassium dicyanidocuprate(1-)		13682-73-0
Mercuric potassium cyanide		591-89-9
Dipotassium tris(cyano-c) nickelate (2-)		39049-81-5
Silver cyanide		506-64-9
Sodium cyanide		143-33-9
Disodium tri(cyano-C) cuprate(2-)		14264-31-4
Zinc cyanide		557-21-1
Other Cyanogen compound		-
Referenced laws & regulations	(JP) Poisonous and Deleterious Substances Control Act: Specified Poisonous Substances	
Note		

【Table.4】 List of Controlled substances

Note 1. Reportable Applications: Target application of substances regulated by laws and regulations.

For each substance, target applications such as “all products”, “batteries”, “textile products” are designated. If this target application is not applicable, it is excluded from the management of chemical substances in parts of materials.

Note 2. Reporting Threshold: Threshold of substances in target applications regulated by laws and regulations.

If content rate is indicated as the reporting threshold, content is judged based on the content rate calculated as per denominator indicated in the “Reporting Level (product / article / part / material).”

Note 3. The substance which do not have CAS No. are listed SN No. of chemSHERPA.

Note 4. There may be applicable chemical substances even if they are not listed in this document.

No.1001	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
Printed wiring board laminate	- 0.09 mass% total bromine content in laminate (900ppm)	
Plastic materials except printed wiring board laminates	- 0.1 mass% of bromine in plastic materials (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR (14) [Aliphatic/alicyclic brominated compounds]	-	
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR (15) [Aliphatic/alicyclic brominated compounds in combination with antimony compounds]	-	
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR (16) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls]	-	
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR (17) [Aromatic brominated compounds excluding brominated diphenyl ether and biphenyls] in combination with antimony compounds]	-	
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR (22) [Aliphatic/alicyclic chlorinated and brominated compounds]	-	
Brominated flame retardant which comes under notation of ISO 1043-4 code number FR (42) [Brominated organic phosphorus compounds]	-	
Poly (2,6-dibromo-phenylene oxide)	69882-11-7	
Tetra-decabromo-diphenoxy-benzene	58965-66-5	
1,2-Bis(2,4,6-tribromo-phenoxy) ethane	37853-59-1	
Tetrabromobisphenol A (TBBPA)	79-94-7	
TBBA, unspecified	30496-13-0	
TBBA-epichlorhydrin oligomer	40039-93-8	
TBBA-TBBA-diglycidyl-ether oligomer	70682-74-5	
TBBA carbonate oligomer	28906-13-0	
TBBA carbonate oligomer, phenoxy end capped	94334-64-2	
TBBA carbonate oligomer, 2,4,6-tribromo-phenol terminated	71342-77-3	
TBBA-bisphenol A-phosgene polymer	32844-27-2	
Brominated epoxy resin end-capped with tribromophenol	139638-58-7 135229-48-0	
1,1'-(isopropylidene) bis [3,5-dibromo-4-(2,3-dibromopropoxy) benzene]	21850-44-2	
TBBA bis-(2-hydroxy-ethyl-ether)	4162-45-2	
TBBA-bis-(allyl-ether)	25327-89-3	
TBBA-dimethyl-ether	37853-61-5	
4,4'-sulphonylbis[2,6-dibromophenol] Tetrabromobisphenol S, (TBBPS)	39635-79-5	
TBBS-bis-(2,3-dibromo-propyl-ether)	42757-55-1	
2,4-Dibromo-phenol	615-58-7	
2,4,6-tribromo-phenol	118-79-6	
Pentabromo-phenol	608-71-9	
2,4,6-Tribromo-phenyl-allyl-ether	3278-89-5	
Tribromo-phenyl-allyl-ether, unspecified	26762-91-4	
Bis(methyl) tetrabromo-phthalate	55481-60-2	
Bis(2-ethylhexyl) tetrabromo-phthalate	26040-51-7	

No.1001	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD) (continued)	
Substance/Substance group	CAS No. (Note 3)	
2-Hydroxy-propyl-2-(2-hydroxy-ethoxy)-ethyl-TBP	20566-35-2	
TBPA, glycol-and propylene-oxide esters	75790-69-1	
N,N'-ethylenebis(3,4,5,6-tetrabromophthalimide)	32588-76-4	
Ethylene-bis(5,6-dibromo-norbornane-2,3-dicarboximide)	52907-07-0	
2,3-Dibromo-2-butene-1,4-diol	3234-02-4	
2,2-bis(bromomethyl)propane-1,3-diol	3296-90-0	
2,3-dibromopropan-1-ol; 2,3-dibromo-1-propanol	96-13-9	
Tribromo-neopentyl-alcohol	36483-57-5	
Poly tribromo-styrene	57137-10-7	
Tribromo-styrene	61368-34-1	
Dibromo-styrene grafted PP	171091-06-8	
Poly-dibromo-styrene	31780-26-4	
Bromo-/Chloro-paraffins	68955-41-9	
Bromo-/Chloro-alpha-olefin	82600-56-4	
Bromoethylene	593-60-2	
Tris-(2,3-dibromo-propyl)-isocyanurate	52434-90-9	
Tris(2,4-Dibromo-phenyl) phosphate	49690-63-3	
Tris(tribromo-neopentyl) phosphate	19186-97-1	
Chlorinated and brominated phosphate ester	125997-20-8	
Pentabromo-toluene	87-83-2	
Pentabromo-benzyl bromide	38521-51-6	
1,3-Butadiene homopolymer,brominated	68441-46-3	
Pentabromo-benzyl-acrylate, monomer	59447-55-1	
Pentabromo-benzyl-acrylate, polymer	59447-57-3	
1,1'-(ethane-1,2-diyl) bis [pentabromobenzene]	84852-53-9	
Tribromo-bisphenyl-maleinimide	59789-51-4	
Octabromo-1,1,3-trimethyl-1-phenylindane (FR-1808)	155613-93-7	
Tetrabromo-cyclo-octane	31454-48-5	
1,2-Dibromo-4-(1,2 dibromo-ethyl)-cyclo-hexane	3322-93-8	
Tetrabromophthalic acid Na salt	25357-79-3	
Tetrabromo phthalic anhydride	632-79-1	
Other Brominated flame retardants	-	
Referenced laws & regulations	(Standard)IEC 62474 DB Declarable substance groups and declarable substances (Standard)IPC-4101	
Note		

No.1002	Chlorinated Flame Retardants (CFR)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
Printed wiring board laminate		- 0.09 mass% total bromine content in laminate (900ppm)
Plastic materials except printed wiring board laminates		- 0.1 mass% of bromine in plastic materials (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Tetrakis(2-chloroethyl) dichloroisopentylidiphosphate		38051-10-4
Tris(2-chloro-1-methylethyl) phosphate		13674-84-5
Tris(2,3-dichloro-1-propyl) phosphate		66108-37-0
Tris(1,3-dichloro-2-propyl) phosphate		13674-87-8
Other Chlorinated Flame Retardants		-
Referenced laws & regulations	(Standard)IEC 62474 DB Declarable substance groups and declarable substances (Standard)IPC-4101	
Note		

No.1003	Beryllium/Beryllium and its compounds	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Beryllium		7440-41-7
Beryllium aluminum alloy		12770-50-2
Beryllium chloride		7787-47-5
Beryllium chloride		7787-49-7
Beryllium hydroxide		13327-32-7
Beryllium oxide		1304-56-9
Beryllium phosphate		13598-15-7
Beryllium sulfate		13510-49-1
Beryllium sulfate tetrahydrate		7787-56-6
Beryl ore		1302-52-9
Other Beryllium and its compounds		-
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1004	Fluorinated Greenhouse Gases other than HFC (PFC、SF6、HFC)	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- Intentional added
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Tetrafluoro-methane		75-73-0
Hexafluoroethane (PFC-116)		76-16-4
Octafluoropropane (PFC-218)		76-19-7
Decafluorobutane (PFC-31-10)		355-25-9
Dodecafluoropentane (PFC-41-12)		678-26-2
Tetradecafluorohexane (PFC-51-14)		355-42-0
Octafluorocyclobutane (PFC-c318)		115-25-3
Sulfur hexafluoride		2551-62-4
Trifluoromethane		75-46-7
Difluoromethane		75-10-5
Methyl fluoride		593-53-3
Pentane, 1,1,1,2,2,3,4,5,5,5-decafluoro-		138495-42-8
Ethane, pentafluoro-		354-33-6
1,1,2,2-Tetrafluoroethane		359-35-3
1,1,1,2-Tetrafluoroethane		811-97-2
1,1-Difluoroethane		75-37-6
1,1,2-Trifluoroethane		430-66-0
Ethane, 1,1,1-trifluoro-		420-46-2
Propane, 1,1,1,2,3,3,3-heptafluoro-		431-89-0
1,1,1,2,2,3-Hexafluoro-propane (HFC-236cb)		677-56-5
1,1,1,2,3,3-Hexafluoropropane		431-63-0
Propane, 1,1,1,3,3,3-hexafluoro-		690-39-1
1,1,2,2,3-Pentafluoropropane (HFC-245ca)		679-86-7
1,1,1,3,3-Pentafluoropropane		460-73-1
1,1,1,3,3-Pentafluorobutane		406-58-6
Other Fluorinated Greenhouse Gases other than HFC		-
Referenced laws & regulations	(Standard)IEC 62474 DB Declarable substance groups and declarable substances	
Note		

No.1005	Perchlorates	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 6 x 10 ⁻⁷ mass% of battery or product part (0.006ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Lithium Perchlorate	7791-03-9	
Ammonium perchlorate	7790-98-9	
Barium perchlorate	13465-95-7	
Lead perchlorate	13637-76-8	
Magnesium Perchlorate	10034-81-8	
Perchloric acid, cobalt (2+) salt	13455-31-7	
Perchloric acid, mercury (2+) salt	7616-83-3	
Perchloric acid, nickel (2+) salt, hexahydrate	13520-61-1	
Nickel diperchlorate; Perchloric acid, nickel (II) salt	13637-71-3	
Potassium Perchlorate	7778-74-7	
Sodium Perchlorate	7601-89-0	
Thallium (3+) perchlorate	15596-83-5	
Sodium perchlorate monohydrate	7791-07-3	
Other Perchlorates	SN034	
Referenced laws & regulations	(Standard)IEC 62474 DB Declarable substance groups and declarable substances	
Note		

No.1006	4,4'-isopropylidenediphenol (Bisphenol A, BPA)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
4,4'-isopropylidenediphenol (Bisphenol A, BPA)	80-05-7	
Referenced laws & regulations	(Standard)IEC 62474 DB Declarable substance groups and declarable substances	
Note		

No.1007	Cobalt dichloride	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Cobalt dichloride	7646-79-9	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1008	Di-n-hexyl phthalate (DnHP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dihexyl phthalate; Di-n-hexyl phthalate (DnHP)	84-75-3	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1009	Di-isodecyl' phthalate (DIDP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No.(Note 3)	
Di-'isodecyl' phthalate (DIDP)	26761-40-0 68515-49-1	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1010	Di-'isononyl' phthalate (DINP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Di-'isononyl' phthalate (DINP)	28553-12-0 68515-48-0 26761-40-0	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1011	Di-n-octyl phthalate (DNOP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Di-n-octyl phthalate (DNOP)	117-84-0	
Referenced laws & regulations	(EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1012	Boric acid	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Boric acid	10043-35-3 11113-50-1	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1013	Disodium tetraborate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- Intentional added - 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Disodium tetraborate, anhydrous; Boric acid, disodium salt	1330-43-4	
Disodium tetraborate pentahydrate; Borax pentahydrate	12179-04-3	
Disodium tetraborate decahydrate; Borax decahydrate	1303-96-4	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	
Other disodium tetraborate	-	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1014	Aluminosilicate Refractory Ceramic Fibres	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (um) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	SN0007	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1015	Zirconia Aluminosilicate Refractory Ceramic Fibres	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Zirconia Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (um). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight		SN0055
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1016	Hexahydromethylphthalic anhydride	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Hexahydromethylphthalic anhydride		25550-51-0
Hexahydro-4-methylphthalic anhydride		19438-60-9
Hexahydro-1-methylphthalic anhydride		48122-14-1
Hexahydro-3-methylphthalic anhydride		57110-29-9
Other hexahydromethylphthalic anhydride		-
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1017	4-Nonylphenol, branched and linear, ethoxylated	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.1 mass% of article (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
4-Nonylphenol, ethoxylated; 1 - 2.5 moles ethoxylated		26027-38-3
2-[2-[2-[2-(4-nonylphenoxy) ethoxy] ethoxy] ethoxy] ethanol		7311-27-5
2-[2-(4-nonylphenoxy) ethoxy] ethanol		20427-84-3
p-Nonylphenol hexaethoxylate		34166-38-6
20-(4-nonylphenoxy)-3,6,9,12,15,18-hexaoxaicosan-1-ol		27942-27-4
26-(4-Nonylphenoxy)-3,6,9,12,15,18,21,24-octaoxahehexacosan-1-ol		14409-72-4
Ethanol, 2-(4-nonylphenoxy)-		104-35-8
Isononylphenol, ethoxylated		37205-87-1
4-Nonylphenol, branched, ethoxylated; 1 - 2.5 moles ethoxylated		127087-87-0
4-t-Nonylphenol-diethoxylate		156609-10-8
Other 4-Nonylphenol, branched and linear, ethoxylated		-
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1018	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; or 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.1 mass% of article (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters [with >= 0.3% of dihexyl phthalate (EC No. 201-559-5)]		68515-51-5
1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters [with >= 0.3% of dihexyl phthalate (EC No. 201-559-5)]		68648-93-1
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1019	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	
Reportable Applications (Note 1)		Threshold Level / Reporting Threshold (Note 2)
All Products		- 0.1 mass% of article (1000ppm)
Exclusion	None	
Substance/Substance group		CAS No. (Note 3)
Nonadecafluorodecanoic acid		35-76-2
Sodium nonadecafluorodecanoate		3830-45-3
Ammonium nonadecafluorodecanoate		3108-42-7
Other nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts		-
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1020	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Phenol, 4-nonyl-, phosphite (3:1)	3050-88-2	
Phenol, p-isononyl-, phosphite (3:1)	31631-13-7	
Phenol, p-sec-nonyl-, phosphite	106599-06-8	
Other tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1021	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	110-71-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1022	Bis(2-methoxyethyl) ether	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Bis(2-methoxyethyl) ether	111-96-6	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1023	1,3-propanesultone	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,3-propanesultone	1120-71-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1024	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-Bis(2-methoxyethoxy) ethane; TEGDME; Triethylene glycol dimethyl ether; Triglyme	112-49-2	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1025	Bis(2-methoxyethyl) phthalate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Bis(2-Methoxyethyl) phthalate	117-82-8	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1026	Disodium octaborate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Disodium octaborate anhydrous	12008-41-2	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1027	Diboron trioxide	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Diboron trioxide	1303-86-2	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1028	Dipentyl phthalate (DPP)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dipentyl phthalate (DPP)	131-18-0	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1029	4-(1,1,3,3-tetramethylbutyl) phenol	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
4-(1,1,3,3-tetramethylbutyl) phenol	140-66-9	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1030	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1031	Disodium 4-amino 3-[[4-[(2,4-diaminophenyl) azo] [1,1'-biphenyl]-4-yl] azo] – 5 – hydroxy - 6-(phenylazo) naphtalene-2,7-disulphonate; C.I. Direct Black 38	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Disodium 4-amino 3-[[4-[(2,4-diaminophenyl) azo] [1,1'-biphenyl]-4-yl] azo] – 5 – hydroxy - 6-(phenylazo) naphtalene-2,7-disulphonate; C.I. Direct Black 38	1937-37-7	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1032	Dibutylbis(pentane-2,4-dionato-O, O')tin	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dibutylbis(pentane-2,4-dionato-O, O')tin	22673-19-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1033	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1034	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl) phenol (UV-327)	3864-99-1	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1035	Dodecamethylcyclhexasiloxane	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dodecamethylcyclhexasiloxane	540-97-6	
Referenced laws & Regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authrisation Substances	
Note		

No.1036	Decamethylcyclopentasiloxane	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Decamethylcyclopentasiloxane	541-02-6	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authrisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1037	Octamethylcyclotetrasiloxane	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Octamethylcyclotetrasiloxane	556-67-2	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authrisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1038	Disodium 3,3'-[[1,1'-bifeny]-4,4'dylbis(azo)] bis[4-aminonaphthalene-1-sulphonate]; C.I. Direct Red 28	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Disodium 3,3'-[[1,1'-bifeny]-4,4'dylbis(azo)] bis[4-aminonaphthalene-1-sulphonate]; C.I. Direct Red 28	573-58-0	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authrisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1039	Diisopentyl phthalate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Diisopentyl phthalate	605-50-5	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1040	Terphenyl, hydrogenated	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Terphenyl, hydrogenated	61788-32-7	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1041	1,2-Diethoxyethane	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-Diethoxyethane	629-14-1	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1042	2,2-bis (4'-hydroxyphenyl)-4-methylpentane	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
2,2-bis (4'-hydroxyphenyl)-4-methylpentane	6807-17-6	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1043	N,N-Dimethylformamide(DMF)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
N,N-Dimethylformamide; dimethyl formamide (DMF)	68-12-2	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1044	1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-Benzenedicarboxylic acid; di-C7-11-branched and linear alkylesters	68515-42-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1045	1,2-benzenedicarboxylic acid, dihexyl ester, branched and linear	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1046	Diisohexyl phthalate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Diisohexyl phthalate	71850-09-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1047	1,2-Benzenedicarboxylic acid; Di-C6-8-branched alkylesters, C7-rich	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-Benzenedicarboxylic acid; Di-C6-8-branched alkylesters, C7-rich	71888-89-6	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1048	N-pentyl-isopentylphthalate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
N-pentyl-isopentylphthalate	776297-69-9	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1049	Dicyclohexyl phthalate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Dicyclohexyl phthalate	84-61-7	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1050	1,2-benzenedicarboxylic acid, dipentylester, branched and linear	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
1,2-benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1051	Imidazolidine-2-thione; 2-imidazoline-2-thiol	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1052	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl) oxy]-2-oxoethyl] thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl) oxy]-2-oxoethyl] thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	SN0084	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1053	Perfluorobutane sulfonic acid (PFBS) and its salts	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Tetraethylammonium perfluorobutane sulfonate	25628-08-4	
Perfluorobutane sulfonic acid (PFBS)	375-73-5	
Potassium perfluorobutane sulfonate (KPFBS)	29420-49-3	
Salts of Perfluorobutane sulfonic acid (PFBS)	SN0104	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1054	Diocetyl tin dilaurate, stannane, dioctyl-, bis (coco acyloxy) derivs., and any other stannane, dioctyl-, bis (coco acyloxy) derivs. Wherein c12 is the predominant carbon number of the fatty acyloxy moiety	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Diocetyl tin dilaurate	3648-18-8	
Stannane, dioctyl-, bis (coco acyloxy) derivs.	91648-39-4	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1055	Bis(2-(2-methoxyethoxy) ethyl) ether	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Bis(2-(2-methoxyethoxy) ethyl) ether	143-24-8	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances	
Note		

No.1056	Trixylyl phosphate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Trixylyl phosphate	25155-23-1	
Referenced laws & regulations	(EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

No.1057	Ammoniumpentadecafluorooctanoate	
Reportable Applications (Note 1)	Threshold Level / Reporting Threshold (Note 2)	
All Products	- 0.1 mass% of article (1000ppm)	
Exclusion	None	
Substance/Substance group	CAS No. (Note 3)	
Ammoniumpentadecafluorooctanoate(APFO)	3825-26-1	
Referenced laws & regulations	(EU) 2019/1021 (POPs): Annex I (EU) REACH (No 1907/2006): The Candidate List of Substances of SVHC, Annex XIV Authorisation Substances (EU) REACH (No 1907/2006): Annex XVII Restriction substances	
Note		

【Revision histories】

Edition	Revised month	Revision histories
1 st	Sep.2017	The first version is issued.
2nd	Aug.2021	Completely revised. Chemical list update
3rd	Sep.2024	<ul style="list-style-type: none"> •Addition of reference source for example substances subject to the Chemical Substances Control Law. •Main applicable laws and regulations have been changed ((EU) European Battery Directive → (EU) Battery Regulation). •Table 3. Revised the description of the list of prohibited substances. <ul style="list-style-type: none"> No.12 Lead and Lead compounds: Addition of portable battery as a reportable application, review of exemptions No.13 Mercury and Mercury compounds: Exemptions were reviewed. No.14 Chromium VI compounds: Review of exemptions No.16 Polybrominated Diphenylethers (PBDEs): Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE), which was listed as an example list, was made independent and exemptions were added. No.18 Bis (2-ethylhexyl) phthalate (DEHP): Exemptions were reviewed. No.29 Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA: Review of reportable applications and exemptions No.33 Phenol, isopropylated Phosphate (3:1) (PIP (3:1)): Review of exemptions No.34 Long-Chain Perfluoroalkyl Carboxylate and Perfluoroalkyl Sulfonate Chemical Substances(LCPFACs) (C9-C21 PFCA): Revised Reporting Application/Reporting Criteria/Reporting Threshold, Addition of Exemplified Substance List and Addition of Exemplified Substance List Reference Source. No.36 Perfluorohexane-1-sulphonic acid and its salts (PFHxS) and PFHxS-related substances Reporting Application, Reporting Criteria/Reporting Thresholds were changed, and a reference source was added to the List of Exemplified Substances. •Addition of the following three substances as new prohibited substances <ul style="list-style-type: none"> No.39 Decloramping Plus No.40 2-(2H-benzotriazole 2-yl)-4,6-di-tert-pentylphenol (UV-328) No. 41 Methylene chloride (dichloromethane) •Some substances in [Table 4] List of Substances to be Managed were changed to [Table 3] Prohibited Substances.

Please contact to the quality environment department at each production site for inquiries on this matter