[There is no need to attach this sheet]

Notes for inputting "Report on Chemical Substances Contained in the Product (ver.16.0)"

1 This report consists of the following sheets:

Sheet	Content	Page
A.RoHS	A1. Presence of banned substances in the product A2. Presence of banned substances depending on application	1/4
B.Others	B1. Presence of banned substances in the product B2. Presence of banned substances depending on application B3. Ozone-depleting substances contained in the product or used in manufacturing	2/4 ~ 3/4
C.Candidate	C. Candidate substances to be banned	Candidate 4/4
A (appendix). RoHS	A2-Appendix	RoHS (appendix) 1/2 ~ 2/2
B (appendix). Others	B2-Appendix	Others (appendix) 1/3 ~ 3/3
Analysis	Analysis Data List for RoHS * Please submit this sheet when submitting to the Mobile Communication Business Unit (Hiroshima). In addition, it is unnecessary to submit Test Reports of analysis agency etc.	1/1

Note) Targets are all newly-adopted parts and materials. Packaging which is used for delivered parts/materials is applied.
Please report the substances containing in the packaging with the same standard (threshold).
However, except mineral oil aromatic hydrocarbons (MOAH and MOSH) which are used in packaging materials for parts and materials to be delivered into French, the packagings are out of scope when it is clear that they are to be discarded at SHARP sites outside France and there are no risk of migration and contamination of target substances into parts and materials.

Regarding "C.Candidate", please submit the content status.

Regarding "A2-Appendix" and "B2-Appendix",
please attach when the "banned substances depending on application" in A2 and/or B2 are contained.

2 Please fill the contents below:

Sheet	Content
A.RoHS	"Date"
	"Company name", "Department"
C.Candidate	"Writer"
	"Responsible Person" (Signature or, input and seal)

3 In the fields of "Information on surveyed product" on the sheet "A. RoHS", please fill the contents below:

Fields	Content
1) Sharp Part Code	The product code assigned by Sharp
2) Product Name	The name of the product which you deliver
3) Manufacturer's Model Code	The model code assigned by your company
4) Product Weight [g]	The weight of the product which you deliver

4 When inputting into each sheet directly,
please select the answer from the drop-down list of each criteria.

5 In case of changing the description of this report,
please send promptly the revised report to Sharp.

To: SHARP Corporation

Date (yyyy/mm/dd) _____

Company Name _____

Department _____

Report on Chemical Substances Contained in the Product (ver.16.0)

We report the following verified results on the chemical substances.

Information on surveyed product

1) Sharp Part Code _____

2) Product Name _____

3) Manufacturer's Model Code _____

4) Product Weight [g] _____

A.RoHS-related chemical Substances

A1.Presence of banned substances in the product

<Meet criteria: "Applicable", Do not meet criteria: "Not Applicable" >

No.	Substances	Check point (Criteria) *1)	Result
1	Hexavalent chromium compound *2)	Content is 1000ppm or less. However, content is less than 3ppm of the dry weight of the leather in leather articles and parts coming into contact with the skin.	< Applicable / Not Applicable >
2	Polybrominated biphenyls (PBBs)	Content is 1000ppm or less.	< Applicable / Not Applicable >
3	Polybrominated diphenyl ethers (PBDEs)	The following (1) and (2) are satisfied. (1) Content is 1000ppm or less in all parts/materials. (2) In the case of parts/materials used for products other than those regulated by the EU RoHS Directive, content is less than 500ppm in the Mixture or Article.	< Applicable / Not Applicable >

*1) The unit for calculating content rate is homogeneous material if not otherwise specified.
*2) Accoring to EU Directive ob packaging and others, the total concentration of these four heavy metals in part/material, ink and paint which constitute a package is 100ppm or less each.

Note) When the result shows "Not Applicable", the product is not adopted by SHARP in principle.

A2.Presence of banned substances depending on application

< Meet criteria: "Applicable", Do not meet criteria: "Not Applicable" >

No.	Substances	Check point (Criteria) *1)	Result
1	Cadmium and its compound *2)	Content is 100ppm or less. Regarding batteries, comply with the EU Battery Regulation	< Applicable / Not Applicable >
2	Lead and its compound *2)	All of the following (1) to (4) are satisfied. (1) In the case of plastics, the content is 300ppm or less. (2) In the case of batteries, comply with the EU Battery Regulation. (3) The use in toys/products for children is not subject to the banned criteria of both (1) and (2) in 2 of A2-Appendix. (4) In the cases other than the above (1) to (3), the content is 1000ppm or less.	< Applicable / Not Applicable >
3	Mercury and its compound *2)	Content is 1000ppm or less. Regarding batteries, comply with the EU Battery Regulation.	< Applicable / Not Applicable >
4	Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate (DBP), Bis(butylbenzyl) phthalate (BBP), Diisobutyl phthalate (DIBP) *3)	Total content of 4 substances (DEHP, DBP, BBP, DIBP) is 1000ppm or less.	< Applicable / Not Applicable >

*1) The unit for calculating content rate is homogeneous material if not otherwise specified.
*2) Accoring to EU packaging directive and others, the total concentration of these four heavy metals in part/material, ink and paint which constitute a package is100ppm or less each.
*3) The four types of phthalates (DEHP, BBP, DBP, DIBP) are mainly used as plasticizers for soft resins, and have the property of being transferred from other products by contact (migration).
Since there is a possibility of transfer from packaging to parts and materials, please report the substances containing in the packaging with the same standard

When the result shows "Not Applicable", we complete the A2-Appendix where the use of each substance is detailed and attach it.

B.Others

B1.Presence of banned substances in the product

< Meet criteria: "Applicable", Do not meet criteria: "Not Applicable" >

No.	Substances	Check point (Criteria) *1)	Result
1	Tributyl Tin Oxide (TBTO)	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
2	Tri-substituted organostannic compounds	Content of tin is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
3	Polychlorinated biphenyls (PCBs) and specific substitutes	Not intentionally added	< Applicable / Not Applicable >
4	Polychlorinated naphthalenes	Not intentionally added (Chlorine atom 1-8 are subject to the regulation.)	< Applicable / Not Applicable >
5	Short chain chlorinated paraffin (SCCP, C:10-13)	Content is less than 1000ppm in the weight of articles. Not intentionally added	< Applicable / Not Applicable >
6	Asbestos	Not intentionally added	< Applicable / Not Applicable >
7	Polychlorinated Terphenyls (PCTs)	Content is 50ppm or less. Not intentionally added	< Applicable / Not Applicable >
8	Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)	Not intentionally added	< Applicable / Not Applicable >
9	Hexabromocyclododecane (HBCDD)	Content is 100ppm or less. Not intentionally added	< Applicable / Not Applicable >
10	Cobalt dichloride	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
11	Dimethyl fumarate	Content is 0.1ppm or less. Not intentionally added	< Applicable / Not Applicable >
12	Refractory Ceramic Fibers, Aluminosilicate	Not intentionally added	< Applicable / Not Applicable >
13	Refractory Ceramic Fibers, Zirconia Aluminosilicate	Not intentionally added	< Applicable / Not Applicable >
14	Dibutyltin (DBT) compounds	Content is 1000ppm or less by weight of tin in a material.	< Applicable / Not Applicable >
15	Pentachlorothiophenol (PCTP)	Content is 1wt% or less.	< Applicable / Not Applicable >
16	Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related substances	The following (1) and (2) are to be satisfied in the Mixture or Article. (1) The sum of C9-C14 PFCAs and their salts: Content is less than 25ppb (0.025ppm). (2) The sum of C9-C14 PFCA-related substances: Content is less than 260 ppb (0.26ppm).	< Applicable / Not Applicable >
17	Perfluorohexane-1-sulphonic acid (PFHxS), its salts and PFHxS-related substances	The following (1) and (2) are to be satisfied in the Mixture or Article. (1) The sum of PFHxS and their salts: 0.0000025% (25ppb) or less content (2) The sum of PFHxS-related substances: 0.0001% (1000ppb) or less content	< Applicable / Not Applicable >
18	Perfluorooctane sulfonate (PFOS), its salts and PFOS-related substances	The following (1) and (2) are to be satisfied in the Mixture or Article. (1) PFOS and their salts: 0.0000025% (25ppb) or less content (2) The sum of PFOS-related substances: 0.0001% (1000ppb) or less content	< Applicable / Not Applicable >
19	Dechlorane plus and its syn-isomer and anti-isomer	Content is less than 0.0001wt% (1ppm) in the Mixture or Article . Not intentionally added	< Applicable / Not Applicable >

*1) The unit for calculating content rate is homogeneous material if not otherwise specified.

Note) When the result shows "Not Applicable", the product is not adopted by SHARP in principle.

B2.Presence of banned substances depending on application

<Meet criteria: "Applicable", Do not meet criteria: "Not Applicable" >

No.	Substances	Check point (Criteria) *1)	Result
1	Beryllium and its compound	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
2	Azo colorants	Not intentionally added	< Applicable / Not Applicable >
3	Polyvinyl Chloride and its copolymer	Not intentionally added	< Applicable / Not Applicable >
4	Phthalates other than the four RoHS-related Phthalates	Total content of content is 1000ppm or less regarding other than following four phthalates. Bis(2-ethylhexyl)phthalate:DEHP, Dibutyl phthalate: DBP, Bis(butylbenzyl) phthalate: BBP, Diisobutyl phthalate: DIBP	< Applicable / Not Applicable >
5	Radioactive substances	Not intentionally added	< Applicable / Not Applicable >
6	Fluorinated greenhouse gases (HFC, PFC, SF6)	Not intentionally added	< Applicable / Not Applicable >
7	Formaldehyde	Wood component: atmospheric concentration is 0.1ppm or less (by the chamber method). Plastics/fibers: content is 75ppm or less.	< Applicable / Not Applicable >
8	Perchlorates	Not intentionally added to batteries (Select "Applicable" except battery.)	< Applicable / Not Applicable >
9	Nickel and its compound	Not intentionally added	< Applicable / Not Applicable >
10	Arsenic and its compound	Content is 1000ppm or less.	< Applicable / Not Applicable >
11	Boric acid	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
12	Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
13	Dioctyltin (DOT) compounds	Content is 1000ppm or less by weight of tin in a material.	< Applicable / Not Applicable >

< Continued on the next page.>

< Continued from the previous page.>

No.	Substances	Check point (Criteria) *1)	Result
14	Perfluorooctanoic acid (PFOA) and its salts and PFOA-related substances *2)	The following (1) and (2) are to be satisfied in the Mixture or Article. (1) PFOA (including its salt): Content is 25ppb or less. (2) Combination of one or multiple PFOA-related substances: Total content is 1000ppb (1ppm) or less.	< Applicable / Not Applicable >
15	Chlorinated flame retardants	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
16	Halogenated compound (Halogenated flame retardant etc.)	The following (1) and (2) are to be satisfied (1) Halogenated flame retardants are Not intentionally added. (2) In the case used for (1) in 16 of B2-Appendix, total content of all halogen elements in the homogeneous material is 0.1wt% or less.	< Applicable / Not Applicable >
17	Tris (2-chloroethyl) phosphate (TCEP)	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
18	Tris(2-chloro-1-methylethyl) phosphate (TCPP)	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
19	Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
20	Polycyclic aromatic hydrocarbons (PAHs)	Content is less than 1ppm regarding target PAHs *3).	< Applicable / Not Applicable >
21	Red phosphorus	Content is 1000ppm or less. Not intentionally added	< Applicable / Not Applicable >
22	Isopropylphenyl phosphate (PIP(3:1))	Not intentionally added	< Applicable / Not Applicable >
23	Hexachlorobutadiene (HCBD)	Not intentionally added	< Applicable / Not Applicable >
24	2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	Not intentionally added	< Applicable / Not Applicable >
25	4,4'-isopropylidenediphenol （Bisphenol A）	Content is less than 0.02wt%.	< Applicable / Not Applicable >
26	4,4'-sulfonyldiphenol （Bisphenol S）	Content is less than 0.02wt%.	< Applicable / Not Applicable >
27	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	Content is 1ppm (0.0001%) or less in the Mixture or Article.	< Applicable / Not Applicable >
28	Perfluorohexanoic acid (PFHxA), its salts and PFHxA-related substances	The following (1) and (2) are to be satisfied. (1) The sum of PFHxA and their salts: Content is less than 0.0000025% (25ppb) (2) The sum of PFHxA-related substances and their combinations: Content is less than 0.0001% (1000ppb).	< Applicable / Not Applicable >
29	MOAH (Aromatic hydrocarbons of mineral oil comprising from 1 to 7 aromatic rings)	Total content in the ink is 0.1% or less for packaging *4) and printing *5). (If the content status is unknown, the result will be "Not Applicable." Complete the B2-Appendix where the use of each substance is detailed.)	< Applicable / Not Applicable >
30	MOAH (Aromatic hydrocarbons of mineral oil comprising from 3 to 7 aromatic rings)	Total content in the ink is 0.1% or less for packaging *4) and printing *5). (If the content status is unknown, the result will be "Not Applicable." Complete the B2-Appendix where the use of each substance is detailed.)	< Applicable / Not Applicable >
31	MOSH (Saturated hydrocarbons of mineral oil comprising from 16 to 35 carbon atoms)	Total content in the ink is 0.1% or less for packaging *4) and printing *5). (If the content status is unknown, the result will be "Not Applicable." Complete the B2-Appendix where the use of each substance is detailed.)	< Applicable / Not Applicable >

*1) The unit for calculating content rate is homogeneous material if not otherwise specified.

*2) Total content of substances with following CAS No. (335-67-1, 3825-26-1, 335-95-5, 2395-00-8, 335-93-3, 335-66-0, 376-27-2, 3108-24-5).

*3) CAS No. of target substances: (50-32-8, 192-97-2, 56-55-3, 218-01-9, 205-99-2, 205-82-3, 207-08-9, 53-70-3)

*4) Packaging refers to something that is used for transportation, protection, and packing of goods, and in principle they become unnecessary as soon as the product is used.
Printing on packaging and printed labels affixed to packaging are within the scope of the packaging.
[Examples of packaging materials] Cardboard paper, plastic bags, cushioning materials, protective films, adhesive tapes, staples, bands for securing loads, and labels, paints, and inks for them

*5) Prints not used or included together with Sharp products (such as delivery slip, Inspection report) are excluded.
Direct printing (such as logos) onto Sharp products are inapplicable to the printing written in this section.

When the result shows "Not Applicable", we complete the B2-Appendix where the use of each substance is detailed, and attach it.

B3.Ozone-depleting substances contained in the product or used in manufacturing

<Meet criteria: "Applicable", Do not meet criteria: "Not Applicable" >

No.	Substances	Check point (Criteria)	Result
1	Ozone-depleting substances [regulated by the Montreal Protocol (Class I and II)] *1)	(1)Not intentionally added	< Applicable / Not Applicable >
		(2)Use of printed wiring boards (PWBs) in the product (Select "Yes" if PWBs are used even if Ozone-depleting substances are not used in the rinse process and others.)	< Yes / No >
		(3)Non use in the rinse process (If the result in the item (2) is YES only, answer this item) (Even if "Not used" is selected, that means you didn't use these substances to rinse process, describe rinse solution and method of the rinse process.)	< Used / Not Used >
		Rinse solution :	
		Rinse method :	

*1) Regarding Ozone-depleting substances, target substances are CFC, 1,1,1-trichloroethane, Carbon tetrachloride, Bromomethane, Bromochloromethane, Halon, HBFC and HCFC.

(Note) When "Not Applicable" and/or "Used" is selected on the Result, the use of parts or materials is not allowed by SHARP standard.

C.Candidate substances to be banned

C1.Presence of candidate substances to be banned in the product

Please reply the content status of "Candidate substances to be banned" in the table below.

Explanation of "Candidate substances to be banned":

They refer to Sharp's "**Candidate** substances to be banned", so please move on to replacing them with alternative substances.

・They refer to substances that are expected to be banned in the near future under domestic and foreign laws and regulations.

・Since the threshold, prohibited date, and regulated use (excluded use) have not been determined in the laws and regulations, they cannot be specified as Sharp's "Candidate substances to be banned" at this time, but based on the trends of laws and regulations, they are specified to Sharp's "Candidate substances to be banned" in the future.

・Depending on the timing when laws and regulations are finalized, it may not be possible to set a grace period from the designation as Sharp's "Banned substances" to the delivery prohibition date, so if it is contained, please proceed with the replacement as soon as possible.

Select from "Applicable" or "Not Applicable" for No.1 to 5 in the table below.

<Meet criteria: "Applicable", Do not meet criteria: "Not Applicable", Content status unknown: "Not clear" >

No.	Substances	Check point (Criteria) *1)	Result
1	1,2-Bis(2,3,4,5,6-pentabromophenyl) ethane (DBDPE)	Not intentionally added	< Applicable / Not Applicable >
2	Tetrabromobisphenol A (TBBPA)	Not intentionally added	< Applicable / Not Applicable >
3	Medium Chain Chlorinated paraffins (MCCPs, C14-17, chlorination levels at or exceeding 45% chlorine by weight)	Not intentionally added	< Applicable / Not Applicable >
4	Perfluorocarboxylic acids containing 15 to 21 carbon atoms in the chain (C15-C21 PFCAs), their salts and C15-C21 PFCA-related substances	Not intentionally added	< Applicable / Not Applicable >
5	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS), which have designated as a declarable substance in the latest version of chemSHERPA *2)	Not intentionally added	< Applicable / Not Applicable >

Select from "Applicable" , "Not Applicable" or "Not clear" for No.6 to 7 in the table below.

6	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) other than No.5 above	Not intentionally added	< Applicable / Not Applicable / Not clear>
7	Bisphenols (excluding Bisphenol A and Bisphenol S)*3	Not intentionally added	< Applicable / Not Applicable / Not clear>

Note) Regarding the Result of the above "Candidate substances to be banned", the details may be confirmed separately by our business division.

*1) The unit for calculating content rate is homogeneous material if not otherwise specified.

*2) Please refer to the chemSHERPA website (https://chemsherpa.net/english) for chemSHERPA.
The latest version of chemSHERPA is V2R1 at the time of the issuance of this report (Nov. 2024).
PFAS, which is designated as a declarable substance in chemSHERPA V2R1, is listed in the IEC62474 Declarable Substances List (DSL), Reference Substances List (RSL), or Global Automotive Declarable Substances List (GADSL).

*3) Report Bisphenol A and Bisphenol S as "B2. Presence of banned substances depending on application".

Writer _____

Responsible Person _____
("Signature" OR "Input name and Seal")

A2-Appendix

Regarding items whose confirmatory results are "Not Applicable" in clause A2, "X" are marked in the result column based on the criteria in accordance with "SHARP's policy on delivery dates to SHARP and EU RoHS exemption's due date".

SHARP's policy on delivery dates to SHARP and EU RoHS exemption's due date

1) In principle, SHARP sets the delivery prohibition date to SHARP as "six month" before the due date of EU RoHS exemption.
   Example) If the deadline of RoHS Exemption is "21 July 2021," the delivery to SHARP is banned on "21 Jan. 2021".
2) If the deadline of RoHS Exemption is changed after the issuance of this report, in principle, the delivery to SHARP will be banned six months before the changed deadline.
3) It is based on information on the exemption deadline of the EU RoHS Directive at the time of issuance of this report (Nov. 2024).

Substances		No.	Check point (Criteria)	RoHS Exemption *1)	Result
1 Cadmium and its compound					
	Banned	(1)	Used in every application other than the following (2)-(5)	-	
	Usable	(2)	Used for electrical contacts [Under deliberation for exemption renewal in EU]*2	8(b)-I	-
			(a) Circuit breakers		
			(b) Thermal sensing controls		
			(c) Thermal motor protectors (excluding hermetic thermal motor protectors)		
			(d) AC switches rated at 6A and more at 250V AC and more, or 12A and more at 125V AC and more		
			(e) DC switches rated at 20A and more at 18V DC and more		
			(f) Switches for use at voltage supply frequency ≥ 200 Hz		
		(3)	Used in striking optical filter glass types, excluding applications falling under point 39 of EU RoHS directive annex III [Under deliberation for exemption renewal in EU]*2	13(b)-(II)	
		(4)	Used in white glass used for an optical purpose [Under deliberation for exemption renewal in EU]*2	13(b)-(III)	
		(5)	Used in exemption applications listed in EU RoHS directive other than the above, having permission from adoption decision	-	< AnnexIII / AnnexIV >
			EU RoHS directive Annex No. :	-	
			RoHS Exemption No. :	-	
2 Lead and its compound					
	Banned	(1)	Used lead exceeding 0.01wt% per exterior parts in products for children 12 and under	-	
		(2)	Used lead exceeding 0.009% per surface treatment layer such as coating in parts/materials for toys	-	
		(3)	Used in every application other than the following (4)-(13)	-	
	Usable	(4)	Used in high-melting point solder (lead-based alloys containing 85 % by weight or more lead) [Under deliberation for exemption renewal in EU]*2	7(a)	
		(5)	Used in electrical and electronic components in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound [Under deliberation for exemption renewal in EU]*2	7(c)-I	
		(6)	Used in glass of fluorescent tubes not exceeding 0.2% by weight [Under deliberation for exemption renewal in EU]*2	5(b)	
		(7)	Contained as an alloying element		
			(a) Less than 0.35% by weight in steel alloy for machining purposes [Under deliberation for exemption renewal in EU]*2	6(a)-I	
			(b) Less than 0.4% by weight in aluminium alloy for machining purposes [Under deliberation for exemption renewal in EU]*2	6(b)-II	
			(c) Less than 4% by weight in copper alloy [Under deliberation for exemption renewal in EU]*2	6(c)	
		(8)	Used 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 [Under deliberation for exemption renewal in EU]*2	15(a)	-
			(a) A semiconductor technology node of 90 nm or larger		
			(b) A single die of 300 mm2 or larger in any semiconductor technology node		
			(c) Stacked die packages with die of 300 mm2 or larger, or silicon interposers of 300 mm2 or larger		
		(9)	Used in white glass used for an optical purpose [Under deliberation for exemption renewal in EU]*2	13(a)	
		(10)	Used in ion coloured optical filter glass types [Under deliberation for exemption renewal in EU]*2	13(b)-(I)	
		(11)	Used in glazes used for reflectance standards [Under deliberation for exemption renewal in EU]*2	13(b)-(III)	
		(12)	Used in dielectric ceramic used in a capacitor with rated voltage of 125V AC or 250V DC or larger [Under deliberation for exemption renewal in EU]*2	7(c)-II	
		(13)	Used in exemption application listed in EU RoHS directive other than the above, having permission from adoption decision	-	< AnnexIII / AnnexIV >
			EU RoHS directive Annex No. :	-	
			RoHS Exemption No. :	-	

<Continued on the next page.>

<Continued from the previous page.>

Substances		No.	Check point (Criteria)	RoHS Exemption *1)	Result
3 Mercury and its compound					
	Banned	(1)	Used in every application other than the following (2)-(6)	-	
	Usable	(2)	Used in metal halide lamps (MH). [Expires on 24 Aug. 2026]	4(e)	
		(3)	Used in other discharge lamps for special purposes specified in of EU RoHS directive Annex III 4(f)-I (2011/65/EU). [Under deliberation for exemption renewal in EU]*2	4(f)-I	
		(4)	Mercury in high pressure mercury vapour lamps used in projectors where an output ≥ 2000 lumen ANSI is required [Expires on 24 Aug. 2026]	4(f)-II	
		(5)	Mercury in lamps emitting light in the ultraviolet spectrum [Expires on 24 Aug. 2026]	4(f)-IV	
		(6)	Used in exemption applications listed in EU RoHS directive other than the above, having permission from adoption decision	-	< AnnexIII / AnnexIV >
			EU RoHS directive Annex No. :	-	
			RoHS Exemption No. :	-	
4 Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate (DBP), Bis(butylbenzyl) phthalate (BBP), Diisobutyl phthalate (DIBP)					
	Banned	(1)	Used in every application other than the following (2)	-	
	Usable	(2)	In the case of parts/materials used in the product that is both "regulated EU RoHS Directive" and "other than Children's toy or child care article", content of DEHP, DBP, BBP and DIBP is 1000ppm or less respectively.	-	

***1) The number of this column is that of an exempted application of EU RoHS directive Annex III (2011/65/EU) .**

***2) An application for extension of exemption was accepted in the EU, and it is under deliberation at the time of issuance of this report (Nov. 2024).**
This exemption is valid during deliberation. When the deadline is decided, delivery to SHARP will be prohibited six months before the deadline.

B2-Appendix

Regarding items whose confirmatory result are "Not Applicable" in clause B2, "X" are entered in the result column as the result of the confirmation pursuant to the criteria.

Substances		No.	Check point (Criteria)	Result
1 Beryllium and its compound				
	Banned	(1)	Use of Beryllium oxide	
		(2)	Used in every application other than the following (3)	
	Usable	(3)	Used in the exception items	
			(a) Alloy	
			(b) Ceramics	
			(c) Glass	
			(d) Semiconductor	
2 Azo colorants				
	Banned	(1)	Used in a contact part with human body of a product (e.g.：electric carpet, earphone, strap and etc.) which is manufactured based on the premise that the product continuously contacts human body, and may produce carcinogenic amine over 30ppm when discomposed	
	Usable	(2)	Used in every application other than the above (1) (Used in a part which does not continuously contact with human body)	
3 Polyvinyl Chloride and its copolymer				
	Banned	(1)	Used in packaging material and packaging part for Sharp products	
	Usable	(2)	Used in every application other than the above (1)	
4 Phthalates other than the four RoHS related Phthalates.				
	Banned	(1)	Use of Diisononyl Phthalate:DINP, Diisodecyl phthalate:DIDP or Di-n-octyl phthalate:DNOP in parts/materials that are used in children's toys or child care articles that can be placed in a child's mouth (over 1000ppm in total)	
	Usable	(2)	Used under conditions that do not correspond to (1) above	
5 Radioactive substances				
	Banned	(1)	Used in every application other than the following (2)-(3)	
	Usable	(2)	Use of "Thorium" in the magnetron of a microwave oven	
		(3)	Use of "Krypton 85" in the electric bulb for a LCD projector	
6 Fluorinated greenhouse gases (HFC, PFC, SF6)				
	Banned	(1)	Used in every application other than the following (2)	
	Usable	(2)	Used as refrigerant and/or thermal insulator (HFC only) and meets the conditions and deadlines for each product and GWP (global warming potential) set in the EU F-gas regulation (2024/573)	
7 Formaldehyde				
	Banned	(1)	Used in wooden parts	
		(2)	Used in a direct human body contact part of a product which is intended to continuously contact with human body. (e.g.: electric carpet, earphone, strap and etc.)	
	Usable	(3)	Used in every application other than the above (1)-(2)	
8 Perchlorates				
	Usable	(1)	Contained above 6ppb by weight per battery (Necessary to caution on operation manual)	
		(2)	Contained less than 6ppb by weight per battery	
9 Nickel and its compound				
	Banned	(1)	Used in parts which continuously contact with human skin for a long time	
	Usable	(2)	Used in every application other than the above (1)	
10 Arsenic and its compound				
	Banned	(1)	Use of Diarsenic Pentoxide	
		(2)	Used in every application other than the following (3)-(4)	
	Usable	(3)	Used in the lamp of LCD projector (Diarsenic trioxide)	
		(4)	Used for the exception items.	
			(a) Semiconductor	
			(b) Resist	
			(c) Magnet filter	
			(d) Copper foil	
			(e) Battery	
11 Boric acid				
	Banned	(1)	Used in every application other than the following (2)	
	Usable	(2)	Used for applications below;	
			(a) Polarizers (made of PVA)	
			(b) Glass	
			(c) Adhensive agent	
12 Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate				
	Banned	(1)	Used in every application other than the following (2)	
	Usable	(2)	Used for applications below;	
			(a) Polarizers (made of PVA)	
			(b) Glass	
			(c) Adhensive agent	
			(d) Fiber	

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Substances	No.	Check point (Criteria)	Result
13 Dioctyltin (DOT) compounds			
Banned	(1)	Used for two-component room temperature vulcanisation moulding kits (RTV-2 moulding kits)	
Usable	(2)	Used in every application other than the above (1)	
14 Perfluorooctanoic acid (PFOA) and its salts and PFOA-related substances			
Banned	(1)	Used in every application other than the following (2)-(4)	
Usable	(2)	Used in photo-lithography processes for semiconductors or in etching processes for compound semiconductors	
	(3)	Used in photo coating used in printing plates, film, and documents	
	(4)	Used as exemptions listed in EU POPs regulation Annex I Part A other than above, having permission from adoption decision (Required fields) Applied exemption ( )	
15 Chlorinated flame retardants			
Banned	(1)	Used in every application other than the following (2)	
Usable	(2)	It is difficult to replace, and a permission from the adoption decision department in Sharp was obtained. (Required fields) Reason for "difficulty in replacement" and Point of use ( )	
16 Halogenated compound (Halogenated flame retardant etc.)			
Banned	(1)	Used in enclosure and stand of electronic displays including televisions, monitors and digital signage displays with a screen area over 100cm2	
Usable	(2)	Used in every application other than the above (1)	
	(3)	Used in the above (1) , and used for products with a limited destination, having permission from adoption decision in Sharp	
17 Tris (2-chloroethyl) phosphate (TCEP)			
Banned	(1)	Used in products for children 12 and under or home furnishings covered with fiber	
	(2)	Used in every application other than the following (3)-(6)	
Usable	(3)	Used in motor vehicles or replacement parts or replacement equipment for motor vehicles	
	(4)	Used in commercial or residential building insulation or wiring	
	(5)	Used in desktop and laptop computers, audio and video equipment, calculators, wireless telephones, game consoles, handheld devices incorporating a screen that are used to access interactive software and their associated peripherals, and cables, adaptors, and other similar connecting devices	
	(6)	Used in storage media, such as compact discs, for interactive software, such as computer games	
18 Tris(2-chloro-1-methylethyl) phosphate (TCPP)			
Banned	(1)	Used in products for children 12 and under or home furnishings covered with fiber	
Usable	(2)	Used in every application other than the above (1)	
19 Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)			
Banned	(1)	Used in products for children 12 and under or home furnishings covered with fiber	
	(2)	Used in every application other than the following (3)-(6)	
Usable	(3)	Used in motor vehicles or replacement parts or replacement equipment for motor vehicles	
	(4)	Used in commercial or residential building insulation or wiring	
	(5)	Used in desktop and laptop computers, audio and video equipment, calculators, wireless telephones, game consoles, handheld devices incorporating a screen that are used to access interactive software and their associated peripherals, and cables, adaptors, and other similar connecting devices	
	(6)	Used in storage media, such as compact discs, for interactive software, such as computer games	
20 Polycyclic aromatic hydrocarbons (PAHs)			
Banned	(1)	Used in rubber or plastic components that come into direct as well as prolonged or shortterm repetitive contact with the human skin or the oral cavity	
Usable	(2)	Used in every application other than the above (1)	
21 Red phosphorus			
Banned	(1)	Used in plastic or rubber	
Usable	(2)	Used in every application other than the above (1)	
	(3)	Used in the above (1), and it is difficult to replace, having a permission from the adoption decision department in Sharp (Required fields) Reason for "difficulty in replacement" and Point of use ( )	

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Substances		No.	Check point (Criteria)	Result
22 Isopropylphenyl phosphate (PIP(3:1))				
	Banned	(1)	Used in every application other than the following (2)-(4)	
	Usable	(2)	Used in lubricants or greases	
		(3)	Used in products or articles made of plastic recycled from products or articles containing PIP (3:1), where no new PIP (3:1) was added during the production of the products or articles made of recycled plastic	
		(4)	Used in exemption applications listed in USA TSCA SECTION 6 PBT-chemicals other than above, having permission from adoption decision	
			(Required fields) Applied exemption applications	
23 Hexachlorobutadiene (HCBD)				
	Banned	(1)	Used in every application other than the following (2)	
	Usable	(2)	Used due to unintentional production of HCBD as a byproduct in the production of chlorinated solvents	
24 2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)				
	Banned	(1)	Used in every application other than the following (2)	
	Usable	(2)	Used in articles	
25 4,4'-isopropylidenediphenol（Bisphenol A）				
	Banned	(1)	Used in thermal paper, containing equal to or greater than 0.02wt%.	
	Usable	(2)	Used in every application other than the above (1)	
26 4,4'-sulfonyldiphenol（Bisphenol S）				
	Banned	(1)	Used under conditions that do not correspond to following (2)-(3)	
	Usable	(2)	Used in every application for other than thermal paper	
		(3)	(Used in thermal paper, containing equal to or greater than 0.02wt%) and used for products with a limited destination, having permission from adoption decision in Sharp	
27 2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)				
	Banned	(1)	Used in every application other than the following (2)-(3)	
	Usable	(2)	Used in Tri-acetyl cellulose (TAC) film in polarizers, having a permission from the adoption decision department in Sharp	
		(3)	Used in parts for Motor vehicles, having a permission from the adoption decision department in Sharp	
28 Perfluorohexanoic acid (PFHxA), its salts and PFHxA-related substances				
	Banned	(1)	Used for applications below;	
			(a) Textiles	
			(b) Leather, Furs and Hides	
	Usable	(2)	Used in every application other than the above (1)	
29 MOAH (Aromatic hydrocarbons of mineral oil comprising from 1 to 7 aromatic rings)				
	Banned	(1)	Used in every application other than the following (2)-(3)	
	Usable	(2)	Packaging for parts/materials that meet all of the following conditions - Not for delivery to France - Used for products with a limited destination other than France, having permission from adoption decision.	
		(3)	Packaging for parts/materials that meet all of the following conditions - Not for delivery to France - Clearly to be discarded at Sharp site outside France	
30 MOAH (Aromatic hydrocarbons of mineral oil comprising from 3 to 7 aromatic rings)				
	Banned	(1)	Used in every application other than the following (2)-(3)	
	Usable	(2)	Packaging for parts/materials that meet all of the following conditions - Not for delivery to France - Used for products with a limited destination other than France, having permission from adoption decision.	
		(3)	Packaging for parts/materials that meet all of the following conditions - Not for delivery to France - Clearly to be discarded at Sharp site outside France	
31 MOSH (Saturated hydrocarbons of mineral oil comprising from 16 to 35 carbon atoms)				
	Banned	(1)	Used in every application other than the following (2)-(3)	
	Usable	(2)	Packaging for parts/materials that meet all of the following conditions - Not for delivery to France - Used for products with a limited destination other than France, having permission from adoption decision.	
		(3)	Packaging for parts/materials that meet all of the following conditions - Not for delivery to France - Clearly to be discarded at Sharp site outside France	

Analysis Data List for RoHS

Company name				Sign
Department/ Position				
Responsible person				

Note 1: For substances that do not require entry or analysis, enter "-" or "NA" in the field.
Note 2: Mandatory entry items differ depending on the analysis method, so please be careful.
- Mandatory entry items for the X-ray fluorescence analysis method:(1) Measurement results (ppm), (2) 3σ value (ppm), (3) Determination method, (4) Measurement time (sec)
- Mandatory entry item for other analysis methods: (5) Precision measurement results (ppm)

Note 3: If a part or material has clearly been made from the same component material, it shall be possible to substitute with analysis data for representative parts/materials of each manufacturer, even if the parts code is different. In that case, enter the no. of the substitute parts/material in the remark column.
Note4: Enter "Exemption No." based on the European RoHS Directive for (2011/65 / EU) exemption. It has been described to "RoHS Exemption" column on A2-Appendix of the report.
Note5: Enter "RoHS compliant (Y / N)" with a compliant to the European RoHS Directive of the reporting date.

Analysis for 10 substances of RoHS

Sharp Part code	

No	Part name or Manufacturers Part code	Analyzed section (Unit of homogeneous material)	Analysis agency/ Responsible person for measurement	Analysis method/ Measurement date	Pre-treatment method	Data item	10 substances of RoHS										Exemption No.	RoHS compliant (Y/N)	Remark
							Lead	Mercury	Cadmium	Hexavalent chromium	PBB	PBDE	DIBP	DEHP	DBP	BBP			
1						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													
2						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													
3						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													
4						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													
5						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													
6						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													

<Reference only> [There is no need to attach this sheet]

Check Point

Analysis Data List for RoHS

Company name				Sign
Department/ Position				
Responsible person				

・Make sure that you have entered.

Note 1: For substances that do not require entry or analysis, enter "-" or "NA" in the field.
Note 2: Mandatory entry items differ depending on the analysis method, so please be careful.
- Mandatory entry items for the X-ray fluorescence analysis method:(1) Measurement results (ppm), (2) 3σ value (ppm), (3) Determination method, (4) Measurement time (sec)
- Mandatory entry item for other analysis methods: (5) Precision measurement results (ppm)

Note 3: If a part or material has clearly been made from the same component material, it shall be possible to substitute with analysis data for representative parts/materials of each manufacturer, even if the parts code is different. In that case, enter the no. of the substitute parts/material in the remark column.
Note4: Enter "Exemption No." based on the European RoHS Directive for (2011/65 / EU) exemption. It has been described to "RoHS Exemption" column on A2-Appendix of the report.
Note5: Enter "RoHS compliant (Y / N)" with a compliant to the European RoHS Directive of the reporting date.

Analysis for 10 substances of RoHS

Sharp Part code	

No	Part name or Manufacturers Part code	Analyzed section (Unit of homogeneous material)	Analysis agency/ Responsible person for measurement	Analysis method/ Measurement date	Pre-treatment method	Data item	10 substances of RoHS										Exemption No.	RoHS compliant (Y/N)	Remark
							Lead	Mercury	Cadmium	Hexavalent chromium	PBB	PBDE	DIBP	DEHP	DBP	BBP			
1						(1) Measurement results (ppm)													
						(2) 3σ value (ppm)													
						(3) Determination method													
						(4) Measurement time (sec)													
						(5) Precision measurement results (ppm)													

・Make sure that you have entered.

・Enter the data for each portion consisting of homogeneous material.
・In case of plated section, analyze base material and plating separately.

・Make sure that you have entered.

・Enter when you use the precision analysis method.

・(1)–(4): Enter when you use the the X-ray fluorescence analysis method.
・When the sum of (1) and (2) is over the reference value, reanalyze with precision analysis method
・(5): Enter when you use the precision analysis method. Make sure the analysis result is not exceeding the criterion value.

・Make sure that it is same as "A2-Appendix" of the report.

・Make sure that "RoHS compliant" is YES.

・Refer to "Sharp's RoHS analysis method guideline[Ver.3.0]" for the details of Analysis method of Lead, Mercury, Cadmium, Hexavalent chromium, PBB , PBDE and Phthalate(DIBP, DEHP, DBP and BBP)
http://www.sharp.co.jp/corporate/eco/supplier/g_procure/pdf/analysis_e.pdf

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Revision Points from Ver.15.0

List of surveyed substances

	No.	Ver.15.0 Substances	Ver.16.0 Substances	Remarks (changes, etc.)
A1. RoHS_Presense of banned substances in the product				
	1	Hexavalent chromium compound	←	
	2	Polybrominated biphenyls (PBBs)	←	
	3	Polybrominated diphenyl ethers (PBDEs)	←	
A2. RoHS_Presense of banned substances depending on application				
	1	Cadmium and its compounds	←	Changed from EU battery directive to EU battery regulation
	2	Lead and its compounds	←	Changed from EU battery directive to EU battery regulation
	3	Mercury and its compounds	←	Changed from EU battery directive to EU battery regulation Updated expiry date of exemption (4(f)-Ⅰ)
	4	Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate (DBP), Bis(butylbenzyl) phthalate (BBP), Diisobutyl phthalate (DIBP)	←	
B1.Others_Presence of banned substances in the product				
	1	Tributyl Tin Oxide (TBTO)	←	
	2	Tri-substituted organostannic compounds	←	Changed calculation method into multiplying tin element concentration with the coversion coefficient
	3	Polychlorinated biphenyls (PCBs) and specific substitutes	←	
	4	Polychlorinated naphthalenes	←	
	5	Short chain chlorinated paraffin (SCCP, C:10-	←	
	6	Asbestos	←	
	7	Polychlorinated Terphenyls (PCTs)	←	
	8	Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)	←	
	9	Hexabromocyclododecane (HBCDD)	←	
	10	Cobalt dichloride	←	
	11	Dimethyl fumarate	←	
	12	Refractory Ceramic Fibers, Aluminosilicate	←	
	13	Refractory Ceramic Fibers, Zirconia Aluminosilicate	←	
	14	Dibutyltin (DBT) compounds	←	
	15	Pentachlorothiophenol (PCTP)	←	
	16	Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related	←	
	17	Perfluorohexane-1-sulphonic acid (PFHxS), its salts and PFHxS-related substances	←	
			Perfluorooctane sulfonate (PFOS) and its salt, and PFOS-related substances	Moved from "banned substances depending on application" to "banned substances" Change chemical substance name
	18	Dechlorane plus and its syn-isomer and anti-isomer	←	Changed Check points (criteria).
	19	MOAH (Aromatic hydrocarbons of mineral oil comprising from 1 to 7 aromatic rings)	(Deleted)	Moved from "banned substances" to "banned substances depending on application"
	20	MOAH (Aromatic hydrocarbons of mineral oil comprising from 3 to 7 aromatic rings)		
	21	MOSH (Saturated hydrocarbons of mineral oil comprising from 16 to 35 carbon atoms)		
B2.Others_Presence of banned substances depending on application				
	1	Beryllium and its compound	←	
	2	Azo colorants	←	
	3	Polyvinyl Chloride and its copolymer	←	
	4	Phthalates	←	
	5	Radioactive substances	←	
	6	Perfluorooctane sulfonate (PFOSs)	(Deleted)	Moved from "banned substances depending on application" to "banned substances" Change chemical substance name
	7	Fluorinated greenhouse gases (HFC, PFC,	←	Changed Check points (criteria).
	8	Formaldehyde	←	
	9	Perchlorates	←	
	10	Nickel and its compound	←	
	11	Arsenic and its compound	←	
	12	Boric acid	←	
	13	Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate	←	
	14	Dioctyltin (DOT) compounds	←	
	15	Perfluorooctanoic acid (PFOA) and its salts and PFOA-related substances	←	
	16	Chlorinated flame retardants	←	
	17	Halogenated compound (Halogenated flame retardant etc.)	←	
	18	Tris (2-chloroethyl) phosphate (TCEP)	←	
	19	Tris(2-chloro-1-methylethyl) phosphate	←	
	20	Tris(1,3-dichloro-2-propyl) phosphate	←	
	21	Polycyclic aromatic hydrocarbons (PAHs)	←	
	22	Red phosphorus	←	
	23	Isopropylphenyl phosphate (PIP(3:1))	←	Changed Check points (criteria).
	24	Hexachlorobutadiene (HCBD)	←	
	25	2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	←	
	26	4,4'-isopropylidenediphenol (Bisphenol A)	←	
	27	4,4'-sulfonyldiphenol (Bisphenol S)	←	
	28	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	←	Changed Check points (criteria).
			Perfluorohexane-1-sulphonic acid (PFHxS), its salts and PFHxS-related substances	Changed from "candidate substances to be banned" to "banned substances depending on application"
			MOAH (Aromatic hydrocarbons of mineral oil comprising from 1 to 7 aromatic rings)	Moved from "banned substances" to "banned substances depending on application"
			MOAH (Aromatic hydrocarbons of mineral oil comprising from 3 to 7 aromatic rings)	
			MOSH (Saturated hydrocarbons of mineral oil comprising from 16 to 35 carbon atoms)	
B3.Others_Ozone-depleting substances contained in the product or used in manufacturing				
	1	Ozone-depleting substances	←	
C. Candidate substances to be banned				
	1	1,2-Bis(2,3,4,5,6-pentabromophenyl)ethane (DBDPE)	←	
	2	Tetrabromobisphenol A (TBBPA)	←	
	3	Medium Chain Chlorinated paraffins (MCCPs, C14-17, chlorination levels at or exceeding 45% chlorine by weight)	←	
	4	Perfluorocarboxylic acids containing 15 to 21 carbon atoms in the chain (C15-C21 PFCAs), their salts and C15-C21 PFCA-related substances	←	
	5	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS), which is designated as a declarable substance in the latest version of	←	
	6	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) other than No.5 above	←	
	7	Perfluorohexane-1-sulphonic acid (PFHxS), its salts and PFHxS-related substances	(Deleted)	Changed from "candidate substances to be banned" to "banned substances depending on application"
	8	Bisphenols (excluding Bisphenol A and Bisphenol S)	←	

[There is no need to attach this sheet]

List of main reference laws

	No.	Substances	Main reference laws, etc.
A1. RoHS__Presense of banned substances in the product			
	1	Hexavalent chromium compound	EU RoHS directive, EU REACH regulation AnnexXVII
	2	Polybrominated biphenyls (PBBs)	EU RoHS directive, EU REACH regulation AnnexXVII
	3	Polybrominated diphenyl ethers (PBDEs)	Japan CSCL, EU RoHS directive, EU REACH regulation AnnexXVII, EU POPs convention AnnexI, USA TSCA
A2. RoHS__Presense of banned substances depending on application			
	1	Cadmium and its compounds	EU RoHS directive, EU REACH regulation AnnexXVII
	2	Lead and its compounds	EU RoHS directive, EU REACH regulation AnnexXVII, USA
	3	Mercury and its compounds	EU RoHS directive、EU REACH regulation AnnexXVII
	4	Bis(2-ethylhexyl)phthalate (DEHP), Dibutyl phthalate (DBP), Bis(butylbenzyl) phthalate (BBP), Diisobutyl phthalate (DIBP)	EU RoHS directive (EU COMMISSION DELEGATED DIRECTIVE 2015/863), EU REACH regulation AnnexXVII, USA CPSIA
B1.Others__Presence of banned substances in the product			
	1	Tributyl Tin Oxide (TBTO)	Japan CSCL
	2	Tri-substituted organostannic compounds	Japan CSCL, EU REACH regulation Annex XVII
	3	Polychlorinated biphenyls (PCBs) and specific substitutes	Japan CSCL, EU POPs convention Annex I
	4	Polychlorinated naphthalenes	Japan CSCL, EU POPs convention Annex I
	5	Short chain chlorinated paraffin (SCCP, C:10-13)	EU POPs convention AnnexI
	6	Asbestos	Japan Industrial Safety and Health Act, EU REACH regulation AnnexXVII
	7	Polychlorinated Terphenyls (PCTs)	EU REACH regulation Annex XVII
	8	Phenol,2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)	Japan CSCL
	9	Hexabromocyclododecane (HBCDD)	Japan CSCL, EU POPs convention
	10	Cobalt dichloride	(EU REACH regulation) ※
	11	Dimethyl fumarate	EU REACH regulation Annex XVII
	12	Refractory Ceramic Fibers, Aluminosilicate	(EU REACH regulation)
	13	Refractory Ceramic Fibers, Zirconia Aluminosilicate	(EU REACH regulation)
	14	Dibutyltin (DBT) compounds	EU REACH Annex XVII
	15	Pentachlorothiophenol (PCTP)	USA TSCA
	16	Perfluorocarboxylic acids containing 9 to 14 carbon atoms in the chain (C9-C14 PFCAs), their salts and C9-C14 PFCA-related	EU REACH regulation Annex XVII
	17	Perfluorohexane-1-sulphonic acid (PFHxS), its salts and PFHxS-related substances	Swiss Chemicals Ordinance, POPs convention
	18	Perfluorooctane sulfonate (PFOSs), its salt and PFOS-related substances	EU POPs convention (draft), Japan CSCL、CEPA 1999
	19	Dechlorane plus and its syn-isomer and anti-isomer	EU POPs convention (draft),
B2.Others__Presence of banned substances depending on application			
	1	Beryllium and its compound	-
	2	Azo colorants	EU REACH regulation Annex XVII
	3	Polyvinyl Chloride and its copolymer	-
	4	Phthalates	EU REACH regulation Annex XVII, USA CPSIA
	5	Radioactive substances	Act on Prevention of Radiation Hazards due to Radioisotopes, etc., Act on the Regulation of Nuclear Source Material, Nuclear Fuel Material and Reactors
	6	Fluorinated greenhouse gases (HFC, PFC, SF6)	Regulation (EU) 2024/573
	7	Formaldehyde	Germany Chem Verbots V, Denmark formaldehyde
	8	Perchlorates	USA CA Perchlorate management rules
	9	Nickel and its compound	EU REACH regulation Annex XVII
	10	Arsenic and its compound	(EU REACH regulation)
	11	Boric acid	(EU REACH regulation)
	12	Disodium tetraborate, anhydrous, Tetraboron disodium heptaoxide, hydrate	(EU REACH regulation)
	13	Dioctyltin (DOT) compounds	EU REACH regulation Annex XVII
	14	Perfluorooctanoic acid (PFOA) and its salts and PFOA-related substances	EU POPs convention
	15	Chlorinated flame retardants	＜SHARP regulation＞
	16	Halogenated compound (Halogenated flame retardant etc.)	Regulation (EU) 2019/2021 (electronic display), USA Washington state law
	17	Tris (2-chloroethyl) phosphate (TCEP)	USA VT Act85, US DC.Law 21-108/2016、(EU REACH regulation)
	18	Tris(2-chloro-1-methylethyl) phosphate (TCPP)	USA VT Act85
	19	Tris(1,3-dichloro-2-propyl) phosphate (TDCPP)	USA VT Act85, US DC.Law 21-108/2016
	20	Polycyclic aromatic hydrocarbons (PAHs)	EU REACH regulation Annex XVII
	21	Red phosphorus	＜SHARP regulation＞
	22	Isopropylphenyl phosphate (PIP(3:1))	USA TSCA
	23	Hexachlorobutadiene (HCBD)	USA TSCA
	24	2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP)	USA TSCA
	25	4,4'-isopropylidenediphenol (Bisphenol A)	EU REACH regulation AnnexXVII, Swiss Chemicals Ordinance,
	26	4,4'-sulfonyldiphenol (Bisphenol S)	Swiss Chemicals Ordinance
	27	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	EU POPs convention (draft)
	28	Perfluorohexanoic acid (PFHxA), its salts and PFHxA-related substances	EU REACH regulation AnnexXVII (draft),
	29	MOAH (Aromatic hydrocarbons of mineral oil comprising from 1 to 7 aromatic rings)	French decree
	30	MOAH (Aromatic hydrocarbons of mineral oil comprising from 3 to 7 aromatic rings)	French decree
	31	MOSH (Saturated hydrocarbons of mineral oil comprising from 16 to 35 carbon atoms)	French decree
B3.Others__Ozone-depleting substances contained in the product or used in manufacturing			
	1	Ozone-depleting substances	Montreal protcol, USA Chlorofluorocarbon tax, Regulation (EU) 2024/590
C.Candidate substances to be banned			
	1	1,2-Bis(2,3,4,5,6-pentabromophenyl)ethane (DBDPE)	CEPA 1999
	2	Tetrabromobisphenol A (TBBPA)	EU RoHS directive
	3	Medium Chain Chlorinated paraffins (MCCPs, C14-17, chlorination levels at or exceeding 45% chlorine by weight)	EU RoHS directive
	4	Perfluorocarboxylic acids containing 15 to 21 carbon atoms in the chain (C15-C21 PFCAs), their salts and C15-C21 PFCA-related substances	POPs convention, CEPA 1999
	5	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS), which is designated as a declarable substance in the latest version of chemSHERPA	US Specified State TIP
	6	Perfluoroalkyl and Polyfluoroalkyl Substances (PFAS) other than No.5 above	
	7	Bisphenols (excluding Bisphenol A and Bisphenol S)	Regulations in Europe, USA, and Canda

(*) "(EU REACH regulation)" means the substance which was listed in Authorisation List of SVHC.