



EU REACH Regulation.

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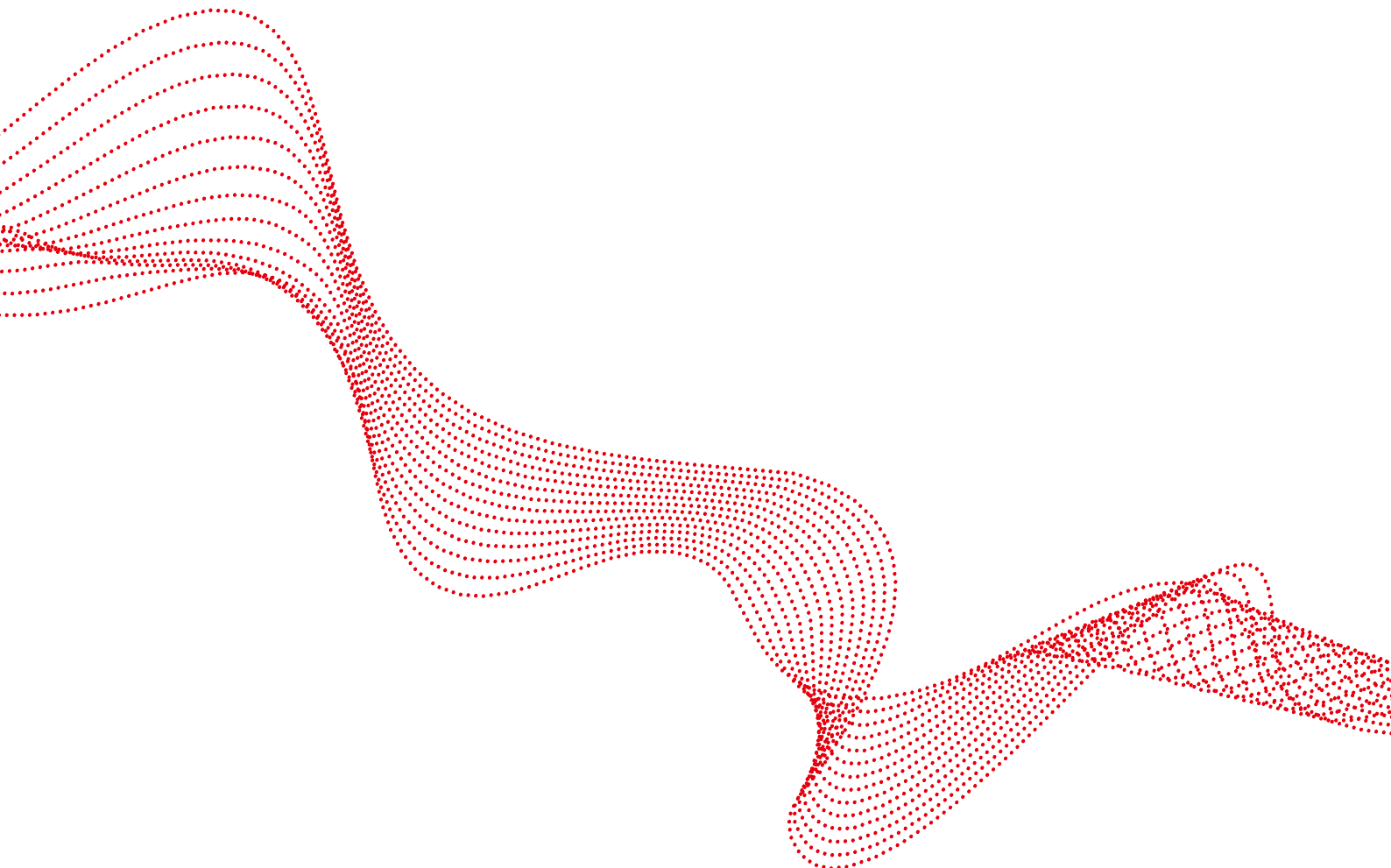
REACH, the European Union Regulation (EC 1907/2006) on the Registration, Evaluation, Authorisation and Restriction of Chemicals, entered into force on June 1, 2007.

One objective of this regulation is to improve, within the overall framework of sustainable development, the protection of human health and the environment from the risks of chemical substances.

Sharp supports this objective and, under the Sharp Code of Conduct, is taking a proactive approach to compliance with laws and regulations.

According to REACH Article 33 (duty to communicate information on substances in articles), when an article contains a substance from the SVHC (Substances of Very High Concern) Candidate List in a concentration above 0.1% of the weight of the article, suppliers are required to provide the recipients and, upon request, the consumers of that article with information about the SVHC. The first 'Candidate List' of SVHC was published by the European Chemicals Agency (ECHA) on October 28, 2008, followed by several others since then. Sharp confirmed to check the REACH SVHC by SVHC candidate list on 21st January 2025.

To comply with this regulation, Sharp requests all of its suppliers to provide information on SVHCs. To date, Sharp's findings are as follows: Generally, the SVHCs listed on the next page may be contained in the products or service parts of products: Based on information provided by Sharp suppliers, it is believed that no other SVHCs are contained above 0.1% in any Sharp products.



Product	CAS No.	Substance name	Article
Air conditioner	68-12-2	N,N-Dimethylformamide; Dimethyl formamide	PCB board
	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	Heat insulation pipe, Insulating Tube, Sponges
	540-97-6	Dodecamethylcyclotetrasiloxane (D6)	Fixed parts, Rubber, Silicon Grease
	541-02-6	Decamethylcyclotetrasiloxane (D5)	Fixed parts, Rubber, Silicon Grease
	556-67-2	Octamethylcyclotetrasiloxane (D4)	Fixed parts, Rubber, Silicon Grease
	7439-92-1	Lead (*)	Capacitors, Diodes, Fuses, IC, LED, Motor shaft, Rectifier, Resistors, Tightening parts, Valves
	7440-43-9	Cadmium (*)	metal contact dot, Relay
	12060-00-3	Lead titanium trioxide (*)	Thermistors
	12626-81-2	Lead titanium zirconium oxide (*)	Alarms, Ceramics resonators
Air purifier	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,6aR,7R,10S,10aS,12aR)-rel-	Transformers
	111-15-9	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	Panels
	1303-86-2	Diboron trioxide; Boric oxide	Diodes
	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Photo detectors
	7439-92-1	Lead (*)	Buzzer, Diodes, IC, Printed wiring boards, Solid state relays, Temperature Sensor, Transistors, Wifi module
	9002-93-1	Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether	Tape
	12626-81-2	Lead titanium zirconium oxide (*)	Alarms, Ceramics resonators
	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,6aR,7R,10S,10aS,12aR)-rel-	IC
Calculator	110-71-4	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	Lithium battery
	1317-36-8	Lead monoxide (lead oxide) (*)	Diodes, Resistors
	7439-92-1	Lead (*)	Diodes
Electronic cash register	117-81-7	Bis (2-ethylhexyl) phthalate (DEHP) (*)	Cables
	1303-86-2	Diboron trioxide; Boric oxide	Liquid crystal display units
	7439-92-1	Lead (*)	Adaptors, Diodes, IC, Transistors
	12626-81-2	Lead titanium zirconium oxide (*)	Alarms
Electronic cash register option	7439-92-1	Lead (*)	Assembled unit
Information display	79-94-7	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	Connector
	108-78-1	Melamine	Solder resistance black oil
	110-71-4	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	Lithium battery
	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	Conductive tape
	541-02-6	Decamethylcyclotetrasiloxane (D5)	Sillicaglu
	1317-36-8	Lead monoxide (lead oxide) (*)	Resistors
	7439-92-1	Lead (*)	AC core, AC-cords, Assembled unit, Copper alloy, Crystal resonators, Diodes, Fans, FIT Wifi antenna, Fuses, IC, LCD module, Panels, PCB board, PCBA, Power board, Power cord, Powercord, Rectifier, Resistors, Shafts, Touch control board, Transistors, Triode
	10043-35-3	Boric acid	Assembled unit, Power cord, Powercord
	12060-00-3	Lead titanium trioxide (*)	Crystal resonators
	25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	Filters
	71868-10-5	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	PCB board
	SN0104	Perfluorobutane sulfonic acid (PFBS) and its salts	Mylar
Information display option	80-05-7	Bisphenol A; 4,4'-isopropylidenediphenol	Assembled unit
	111-15-9	2-Ethoxyethyl acetate; ethylene glycol monoethyl ether acetate; ethylglycol acetate	PCBA
	1317-36-8	Lead monoxide (lead oxide) (*)	PCBA
	7439-92-1	Lead (*)	Assembled unit
	25550-51-0	Hexahydromethylphthalic anhydride	PCBA
Interactive Display	7439-92-1	Lead (*)	Copper alloy, Diodes, MOS FET, Resistors
	10043-35-3	Boric acid	Screws
	10124-43-3	Cobalt sulphate; Cobalt sulfate	Screws
	71868-10-5	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	Solder resistance black oil
Interactive whiteboard	110-71-4	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	Lithium battery
	7439-92-1	Lead (*)	AC-cords, Assembled unit, Diodes, Fuses, Shafts
	12060-00-3	Lead titanium trioxide (*)	Crystal resonators
	142844-00-6	Refractories, fibers, aluminosilicate	Fuses
Ir Detecting Unit for Remote Control	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Mold resin
LCD Module	80-05-7	Bisphenol A; 4,4'-isopropylidenediphenol	PCB board
	108-78-1	Melamine	PCB board
	3896-11-5	Bumetizole (UV-326)	Cover Glass
	7439-92-1	Lead (*)	Diodes, Fuses, IC, Transistors
	10043-35-3	Boric acid	Polarizer
	25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	Polarizer
	71868-10-5	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	FFC, LED-PWB, PCB board
LCD Monitor	80-43-3	Bis(alpha,alpha-dimethylbenzyl) peroxide	Transformers
	108-78-1	Melamine	Carton, PCB board
	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	Foam
	1303-86-2	Diboron trioxide; Boric oxide	Crystal
	1317-36-8	Lead monoxide (lead oxide) (*)	Capacitors, Resistors
	7439-92-1	Lead (*)	Bridge Rectifier, Connector, Crystal, Diodes, IC, MOS FET, Nuts, Power cord, Resistive Element, Resistors, Transformers
	10043-35-3	Boric acid	Screws
	71868-10-5	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	PCB board, Solders
Microwave	1327-53-3	Diarsenic trioxide; arsenic trioxide	Glass tables
	7439-92-1	Lead (*)	Diodes, IC, Transistors
	12626-81-2	Lead titanium zirconium oxide (*)	Alarms, Ceramics resonators
Multifunction display	84-74-2	Dibutyl phthalate (DBP) (*)	Rubber rollers
	117-81-7	Bis (2-ethylhexyl) phthalate (DEHP) (*)	Cables

Product	CAS No.	Substance name	Article
Multifunctional printer	79-94-7	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	Capacitors, Filters, Printed wiring boards
	80-43-3	Bis(alpha,alpha-dimethylbenzyl) peroxide	Moltoprens
	108-78-1	Melamine	Bearings, Filters, Gaskets, Moltoprens
	110-71-4	1,2-Dimethoxyethane; ethylene glycol dimethyl ether; EGDME	Battery, Lithium battery
	115-86-6	Triphenyl phosphate	Gaskets, Photo sensors, light emitting diodes, Power supplies units
	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	Moltoprens
	143-24-8	Bis(2-(2-methoxyethoxy)ethyl)ether; tetraglyme	PCBA, Solders
	513-79-1	Cobalt carbonate	Cores
	1303-86-2	Diboron trioxide; Boric oxide	Ceramic heater
	1317-36-8	Lead monoxide (lead oxide) (*)	Capacitors, Ceramic heater, Diodes, Display glass, Lithium battery, Power supply PCB, Resistors
	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Photo sensors, light emitting diodes
	3896-11-5	Bumetrizole (UV-326)	Badges
	7439-92-1	Lead (*)	Crystal oscillators, Crystal resonators, Detectors, Diodes, Display solder, Fans, Frames, Fuses, Guides assy, Harness, IC, Knobs, Lenses, Machine screws, Motors, Nuts, Photo sensors, light emitting diodes, Pipe fittings, Plate assy, Plungers, Power cord wiring, Power supplies units, Power supply copper wire, Power supply solder, Pulleys, Rollers, Shafts, Spacers, Tapes, TCO sensor aluminum, TCO sensor steel, Thyristors, Tightening parts, Transistors, Varistors
	9002-93-1	Polyethylene glycol p-(1,1,3,3-tetramethylbutyl)phenyl ether	Racks
	10043-35-3	Boric acid	Lenses
	10124-43-3	Cobalt sulphate; Cobalt sulfate	Tapite screws
	12060-00-3	Lead titanium trioxide (*)	Crystal resonators, Power supplies units
	12626-81-2	Lead titanium zirconium oxide (*)	Alarms, Ceramics resonators, Sensor units
	15606-95-8	Triethyl arsenate	Plate assy
	20636-48-0	3,6,9,12-Tetraoxatetradecan-1-ol, 14-(4-nonylphenoxy)-	Sensor units
	25973-55-1	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	Display polarizer
	29420-49-3	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	Sensor units, Sheets
	68412-54-4	Nonylphenol, branched, ethoxylated; Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched	Tapes
	75980-60-8	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	Labels
	85049-26-9	Alkanes, C16-35, chloro	Sheets
	1000597-52-3	Phosphonium, triphenyl(phenylmethyl)-, 1,1,2,2,3,3,4,4,5,5,6,6,6-tridecafluoro-1-hexanesulfonate (1:1)	Lenses, Pulleys, Tightening parts
	SN0104	Perfluorobutane sulfonic acid (PFBS) and its salts	Sheets
Multifunctional printer consumable	79-94-7	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	Printed wiring boards
	123-77-3	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	Moltoprens
	143-24-8	Bis(2-(2-methoxyethoxy)ethyl)ether; tetraglyme	Solders
	7439-92-1	Lead (*)	Detectors, Rollers, Shafts
	29420-49-3	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	Sheets
	68412-54-4	Nonylphenol, branched, ethoxylated; Poly(oxy-1,2-ethanediyl), alpha-(nonylphenyl)-omega-hydroxy-, branched	Tapes
Multifunctional printer option	79-94-7	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	Printed wiring boards
	143-24-8	Bis(2-(2-methoxyethoxy)ethyl)ether; tetraglyme	PCBA, Solders
	513-79-1	Cobalt carbonate	Cores
	1303-86-2	Diboron trioxide; Boric oxide	Assembled unit
	1317-36-8	Lead monoxide (lead oxide) (*)	Connector, Diodes, Semiconductors
	7439-92-1	Lead (*)	Assembled unit, Connector, Diodes, Fuses, IC, Rollers, Shafts, Transistors, Varistors
	12060-00-3	Lead titanium trioxide (*)	Crystal resonators
	12626-81-2	Lead titanium zirconium oxide (*)	Ceramics resonators
	29420-49-3	Potassium 1,1,2,2,3,3,4,4,4-nonafluorobutane-1-sulphonate	Sensor units
	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Mold resin
Photo Interrupter	115-86-6	Triphenyl phosphate	Case
	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Mold resin
	25550-51-0	Hexahydromethylphthalic anhydride	Mold resin
Photo Transistor	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Mold resin
Photo Diode	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Mold resin
Projector	79-94-7	2,2',6,6'-Tetrabromo-4,4'-isopropylidenediphenol	PCB board
	80-05-7	Bisphenol A; 4,4'-isopropylidenediphenol	IC
	556-67-2	Octamethylcyclotetrasiloxane (D4)	Rubber
	872-50-4	N-Methyl-2-pyrrolidone; 1-Methyl-2-pyrrolidone (NMP)	IC
	1303-86-2	Diboron trioxide; Boric oxide	Connector
	1317-36-8	Lead monoxide (lead oxide) (*)	Crystal, Diodes, PCB board, Resistors, Solders
	7439-92-1	Lead (*)	Bush, Connector, Crystal, DC FAN, Diffuser Wheel, Diodes, Glasses, Holder, IC, Inductors , LSI, MOS FET, Motors, Phosphor Wheel, Pins, Power cord, Solder Paste, Solder wafer, Solders, Studs, Transistors, Tube
	12060-00-3	Lead titanium trioxide (*)	Crystal
	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,6aR,7R,10S,10aS,12aR)-rel-	Diffuser Wheel
Refrigerator	2451-62-9	1,3,5,-Tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione; TGIC	Photo sensors, light emitting diodes
	7439-92-1	Lead (*)	AC-cords, Diodes, Fans, IC, Solid state relays, Thermistors, Transistors
	12626-81-2	Lead titanium zirconium oxide (*)	Alarms, Ceramics resonators
Regulator	7439-92-1	Lead (*)	High melting point solder
Solar module	7439-92-1	Lead (*)	Busbar, Ribbon
	10043-35-3	Boric acid	Polarizer
Solid state relay	7439-92-1	Lead (*)	High melting point solder
Video conference soundbar	7439-92-1	Lead (*)	PCB board

(*)1 Usage only in accordance with the EU RoHS Directive.

(*)2 In accordance with the EU RoHS Directive, it is not used for products placed on the market after July 22, 2019.