

ID	SubstanceGroup	SpecificSubstance	SubstanceClarification	CASnumber	CommonSynonyms	TypicalApplications	Basis	BasisDescription	ReportableApplication	ReportingThreshold	ReportingLevel	ReportingRequirements	MassInfoRequirements	FirstAdded	LastRevised
00001		Diarsenic pentoxide		1303-28-2	1,3-dioxodiarsoxane 1,3-dioxide; Arsenic oxide, (As2O5)	Additive in wood, metal, glass and plastics	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00002		Diarsenic trioxide		1327-53-3	dioxodiarsoxane; Arsenic oxide, (As2O3)	Additive in wood, metal, glass and plastics	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00003	Asbestos	See Reference Substance worksheet for more details	Notes: This declarable substance group has a complete list of substances that is specified in the reference substance list	See Reference Substance worksheet for more details		Insulator, filler, pigment, paint, talc	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [USA] Toxic Substances Control Act (TSCA); [Switzerland] Act of Reduction of Risks in Treatment of Specified Hazardous Substances, Preparations, and Articles in	All	Intentionally added	Product	Mandatory	Mass percent of product	2010-04-02	2016-03-28
00004	Azocolourants and Azodyes which form certain aromatic amines	See Reference Substance worksheet for more details	Notes: 1. The European Community's ban applies to azocolourants and azodyes that by reductive cleavage of azo groups may release one of the aromatic amines listed as references. The threshold level given applies to these amines, not to the azocolourants and azodyes; 2. This declarable substance group has a	See Reference Substance worksheet for more details		Pigment, dyes, colorants	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Textiles and Leather	0.003% by weight of the finished textile/leather product	Material	Mandatory	Mass percent of material	2010-04-02	2016-03-28
00005		Beryllium Oxide		1304-56-9	BeO	Ceramics	Criteria 3: For Information Only	(Guidance) EICTA, CECED and EERA Joint Position : Guidance on implementing article 11 of Directive 2002/96(CE) concerning	All	0.1 mass%	Product	Optional	Mass percent	2010-04-02	2016-03-28
00007		Boric acid	Additional substance description: EC No. 233-139-2 and EC No. 234-343-4	10043-35-3; 11113-50-1	H3BO3	In wood veneers/ pressed wooden panels as starch additive, flame retardant and stabilizer in aminoplastic resin, wood preservative, as flame retardant in wood, cotton	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2011-10-14	2018-01-15
00008	Brominated flame retardants (other than	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Flame retardant in printed wiring board laminate	Criteria 3: For Information Only	(Standard) IEC 61249-2-21; (Standard) IPC-4101	Printed wiring board laminate	0.09 mass% total bromine content in	Material	Optional	Mass percent of total bromine content in laminate	2010-04-02	2016-03-28
00009	Brominated flame retardants (other than PBBs, PBDEs, or	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Flame retardant for housing, connectors, package molding sealing	Criteria 3: For Information Only	(Standard) JEDEC JS709	Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	Material	Optional	Mass percent of bromine in plastic materials	2011-10-14	2016-03-28
00010	Cadmium/Cadmium compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Pigments, anti-corrosion surface treatments, optical glass, heat stabilizers, plating, fluorescent materials, electrodes, low melting solders, electric contacts, zinc plating, photoelectric applications, phosphor coatings, bearing alloys	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [China] Law Measures for Restriction of the Use of Hazardous Substances in Electrical Appliances and Electronic Products; [Japan] Law for the Promotion of Effective Utilization of Resources; [EU]	All, except batteries	0.01 mass% of total Cd in homogenous material	Material	Mandatory	Mass percent of total cadmium in homogenous material	2010-04-02	2020-06-25
00011	Cadmium/Cadmium compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Relay contact; photodiode voltaic cell, Ni/Cd battery	Criteria 1: Currently Regulated	[EU] Battery Directive 2006/66/EC; [Korea (the Republic of)] Quality Management and Manufactured Product Safety	Batteries	0.001% by weight of battery	Product Part	Mandatory	Mass percent	2010-04-02	2016-03-28
00166	Cadmium/Cadmium compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Pigments, anti-corrosion surface treatments, optical glass, heat stabilizers, plating, fluorescent materials, electrodes, low melting solders, electric contacts, zinc plating,	Criteria 1: Currently Regulated	[USA California] Electronic Waste Recycling Act (California RoHS) SB 20, amended by SB 50 and AB 575	Video display devices, with a screen size of greater than four inches	0.01 mass% of total Cd in homogenous material	Material	Mandatory	Mass percent of total cadmium in homogenous material and total mass of all occurrences in product	2020-06-25	2020-06-25
00012	Chromium (VI) Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Pigment, paint, ink, catalyst, plating, anticorrosion surface treatment, dye, paint dryer, surface treatment	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [China] Law Measures for Restriction of the Use of Hazardous Substances in Electrical Appliances and Electronic Products; [Japan] Law for	All	0.1 mass% of total Cr+6 in homogenous material	Material	Mandatory	Mass percent of total hexavalent chromium in homogenous material	2010-04-02	2020-06-25
00167	Chromium (VI) Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Pigment, paint, ink, catalyst, plating, anticorrosion surface treatment, dye, paint dryer,	Criteria 1: Currently Regulated	[USA California] Electronic Waste Recycling Act (California RoHS) SB 20, amended by SB 50 and AB	Video display devices, with a screen size of greater than four inches	0.1 mass% of total Cr+6 in homogenous material	Material	Mandatory	Mass percent of total hexavalent chromium in homogenous material and total mass of all occurrences in product	2020-06-25	2020-06-25
00013		Cobalt dichloride		7646-79-9	Cobalt(2+) dichloride; Cobalt chloride, (CoCl2)	Pneumatic panels to indicate water contamination	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00014	Dibutyltin (DBT) compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Stabilizer for PVC, curing catalyst for silicone resin and urethane resin	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	All	0.1 mass% of tin in the part	Product Part	Mandatory	Mass percent of product part	2010-04-02	2016-03-28
00015	Diocetyl tin (DOT) compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Stabilizer for PVC, curing catalyst for silicone resin and urethane resin	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	(a) textile and leather articles intended to come into contact with the skin, (b) childcare articles, (c) two-component room	0.1 mass% of tin in the part	Product Part	Mandatory	Mass percent of product part	2010-04-02	2016-03-28

00016		Dimethylfumarate (DMF)		624-49-7	DMF; Dimethyl (E)-butenedioate; 2-Butenedioic acid (2E)-, dimethyl ester	Biocide, mold prevention treatment of electronic leather seats, including recliners, massage chairs	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	All	0.00001 mass% of the part	Product Part	Mandatory	Mass percent	2010-04-02	2019-07-21
00017	Disodium tetraborate, anhydrous	See Reference Substance worksheet for more details	Notes: On a scientific point of view, the "anhydrous" designation is not accurate as 2 substances of this group are hydrated, but the REACH Candidate List designation is used for	See Reference Substance worksheet for more details		In wood veneers/ pressed wooden panels as starch additive, flame retardant and stabilizer in aminoplastic resin, wood preservative	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2011-10-14	2020-01-16
00018	Fluorinated Greenhouse Gases (PFC, SF6, HFC)	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Refrigerants, blowing agents, extinguishing agents, cleaning agents, insulating media, caustic	Criteria 1: Currently Regulated	[EU] REGULATION (EU) No 517/2014 on fluorinated greenhouse gases	All	Intentionally Added	Product	Mandatory	Mass percent	2010-04-02	2016-03-28
00019		Formaldehyde		50-00-0		Textiles	Criteria 1: Currently Regulated	[Austria] BGB I 1990/194: Formaldehyde Restriction §2, 12/2/1990; [Lithuania] Hygiene Norm HN 96:2000 (Hygiene Norms and	Textiles	0.0075 mass % of textile	Material	Mandatory	Mass percent	2010-04-02	2016-03-28
00020	Hexabromocyclododecane (HBCDD)	See Reference Substance worksheet for more details	Additional substance description: and all major diastereoisomers identified Notes: This declarable substance group has a complete list of substances that is specified in the	See Reference Substance worksheet for more details	HBCDD	Flame retardant; mainly used for expanded polystyrene and some types of fiber	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation; [Japan] Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.; [EU] Persistent Organic	All	Intentionally added or 0.01 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2018-01-15
00021	Lead/Lead Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Rubber hardener, pigment, paint, lubricant, plastic stabilizer, materials for battery, free-machining alloy, free-cutting steels, optical materials, X-ray shielding in CRT glass, electrical solder material, mechanical solder materials, curing agent, vulcanizing agent, colorant	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [China] Law Measures for Restriction of the Use of Hazardous Substances in Electrical Appliances and Electronic Products; [Japan] Law for the Promotion of Effective Utilization of Resources; [EU] REACH Regulation (EC)	All, except batteries	0.1 mass% of total Pb in homogenous material	Material	Mandatory	Mass percent of total lead in homogeneous material	2010-04-02	2020-06-25
00022	Lead/Lead Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Pigment, paint, stabilizer, colorant	Criteria 1: Currently Regulated	[USA] Consumer Product Safety Improvement Act of 2008 PUBLIC LAW 110-314	Consumer products designed or intended primarily for children 12	0.01 mass%	Product	Mandatory	Mass percent	2010-04-02	2016-03-28
00023	Lead/Lead Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Pigment, paint, stabilizer, colorant	Criteria 1: Currently Regulated	[USA] Consumer Product Safety Improvement Act of 2008 PUBLIC LAW 110-314	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	Material	Mandatory	Mass percent of surface coating material	2010-04-02	2016-03-28
00024	Lead/Lead Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Cables/cords	Criteria 1: Currently Regulated	[USA California] Safe Drinking Water and Toxic Enforcement Act of 1986	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	Material	Mandatory	Mass percent of surface coating material	2010-04-02	2016-03-28
00025	Lead/Lead Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Zinc carbon batteries, alkaline button cells	Criteria 1: Currently Regulated	[EU] Battery Directive 2006/66/EC; [China] Limitation of mercury, cadmium and lead contents for alkaline and non-alkaline zinc manganese dioxide	Batteries	0.004 mass% of battery	Product Part	Mandatory	Mass percent	2010-04-02	2016-03-28
00168	Lead/Lead Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Rubber hardener, pigment, paint, lubricant, plastic stabilizer, materials for battery, free-machining alloy, free-cutting steels, optical materials, X-ray shielding in CRT glass, electrical solder material, mechanical solder materials, curing agent, vulcanizing agent,	Criteria 1: Currently Regulated	[USA California] Electronic Waste Recycling Act (California RoHS) SB 20, amended by SB 50 and AB 575	Video display devices, with a screen size of greater than four inches	0.1 mass% of total Pb in homogenous material	Material	Mandatory	Mass percent of total lead in homogeneous material and total mass of all occurrences in product	2020-06-25	2020-06-25
00026		Lead chromate	Notes: This substance contains lead and chromium which is also subject to "RoHS" regulation which may have a more stringent reporting threshold. Manufacturers	7758-97-6	C.I. Pigment Yellow 34; Lead(2+) chromate; Chromic acid, (H2CrO4), lead(2+) salt (1:1)	Colorant in plastics; Colorant in paint	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00027		Lead chromate molybdate sulphate red (C.I. Pigment Red 104)		12656-85-8	C.I. Pigment Red 104; lead chromate molybdate sulfate red	Colorant in plastics; Colorant in red paint	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00028		Lead sulfochromate yellow (C.I. Pigment Yellow 34)		1344-37-2	C.I. Pigment Yellow 34; lead sulfochromate yellow	Colorant in plastics; Colorant in yellow paint	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00029	Mercury/Mercury Compounds	See Reference Substance worksheet for more details	Notes: When two reporting thresholds are listed, the manufacturer needs to evaluate their products against both thresholds. Reporting is required if one or both thresholds are exceeded.	See Reference Substance worksheet for more details		Fluorescent bulb, contact point material, pigment, anti-corrosion, switches, antibacterial treatment	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [China] Law Measures for Restriction of the Use of Hazardous Substances in Electrical Appliances and Electronic Products; [Japan] Law for the Promotion of Effective Utilization of Resources; [EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [Canada] Products	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous material	Material	Mandatory	Mass percent of total mercury in homogenous material	2010-04-02	2020-06-25

00030	Mercury/Mercury Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	Silver-oxide button cells, alkaline batteries, zinc carbon batteries	Criteria 1: Currently Regulated	[EU] Battery Directive 2006/66/EC; [China] Limitation of mercury, cadmium and lead contents for alkaline and non-alkaline zinc manganese dioxide batteries GB 24427-2009; [Taiwan (Province of China)] Restrictions on the Manufacture, Import, and Sale of Dry Cell Batteries; [Korea (the Republic of)] Quality Management and Manufactured Product Safety Management Law (Battery Regulation); [USA New York]	Batteries	Intentionally added or 0.0001 mass% of battery	Product Part	Mandatory	Mass percent	2010-04-02	2016-03-28
00132	Mercury/Mercury Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	Silver-oxide button cells, alkaline batteries, zinc carbon batteries	Criteria 1: Currently Regulated	[Canada] Products containing Mercury Regulations SOR/2014-254	Batteries	0.0005 mass% of total Hg in homogenous material	Material	Mandatory	Mass percent of total mercury in homogenous material	2015-07-15	2016-03-28
00169	Mercury/Mercury Compounds	See Reference Substance worksheet for more details	Additional substance description: NA	See Reference Substance worksheet for more details	Fluorescent bulb, contact point material, pigment, anti-corrosion, switches, antibacterial treatment	Criteria 1: Currently Regulated	[USA California] Electronic Waste Recycling Act (California RoHS) SB 20, amended by SB 50 and AB	Video display devices, with a screen size of greater than four inches	0.1 mass% of total Hg in homogenous material	Material	Mandatory	Mass percent of total mercury in homogenous material and total mass of all occurrences in product	2020-06-25	2020-06-25
00031	Nickel/Nickel Compounds	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	Stainless steel, plating; Example application for prolonged skin contact is an ear bud (headphone);	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	All, where prolonged skin contact is expected	Intentionally Added	Product	Mandatory	Mass percent of product	2010-04-02	2017-09-03
00032	Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	Refrigerant, foaming agent, extinguishant, solvent cleaner	Criteria 1: Currently Regulated	[EU] Regulation on substances that deplete the ozone layer (EC) No. 1005/2009; [Japan] Law concerning the Protection of the Ozone Layer through the Control of Specified Substances and Other Measures; [USA] Clean Air Act; (Treaty) Montreal	All	Intentionally Added	Product	Mandatory	Mass percent	2010-04-02	2016-03-28
00033	Perchlorates	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	Lithium batteries; coin cell batteries	Criteria 1: Currently Regulated	[USA California] Perchlorate Contamination Prevention Act of 2003 AB 826	All	6 x 10 ⁻⁷ mass% of battery or product part	Product Part	Mandatory	Mass percent	2010-04-02	2016-03-28
00035		2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)		3846-71-7	UV-320; 2-(2H-benzotriazol-2-yl)-4,6-di-tert-butylphenol; Phenol, 2-(2H-benzotriazol-2-yl)-4,6-bis(1,1-dimethylethyl)-	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [USA] Consumer Product Safety Improvement Act of 2008 PUBLIC LAW	All	Intentionally added or 0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00036	Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)	See Reference Substance worksheet for more details	Notes: This declarable substance group has a complete list of substances that is specified in the reference substance list	See Reference Substance worksheet for more details	BBP, DBP, DEHP, DIBP	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [USA] Consumer Product Safety Improvement Act of 2008 PUBLIC LAW	Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in plasticized material	Material	Mandatory	Mass percent in plasticized material	2010-04-02	2019-07-21
00037	Phthalates, Selected Group 2 (DIDP, DINP, DNOP)	See Reference Substance worksheet for more details	Notes: This declarable substance group has a complete list of substances that is specified in the reference substance list	See Reference Substance worksheet for more details	DIDP, DINP, DNOP	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [USA] Consumer Product Safety Improvement Act of 2008 PUBLIC LAW	Children's toy or child care article that can be placed in a child's mouth	0.1 mass% as the sum of the phthalate concentrations in plasticized material	Material	Mandatory	Mass percent in plasticized material	2010-04-02	2016-03-28
00038		Bis (2-ethylhexyl)phthalate (DEHP)		117-81-7	DEHP; 1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [EU] REACH Regulation (EC)	All	0.1 mass% in homogenous material	Material	Mandatory	Mass percent of homogeneous material and total mass of all occurrences in product	2010-04-02	2016-03-28
00039		Dibutyl phthalate (DBP)		84-74-2	DBP; 1,2-Benzenedicarboxylic acid, dibutyl ester	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [EU] REACH Regulation (EC)	All	0.1 mass% in homogenous material	Material	Mandatory	Mass percent of homogeneous material and total mass of all occurrences in product	2010-04-02	2016-03-28
00040		Benzyl butyl phthalate (BBP)		85-68-7	BBP; 1,2-Benzenedicarboxylic acid, butyl phenylmethyl ester	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [EU] REACH Regulation (EC)	All	0.1 mass% in homogenous material	Material	Mandatory	Mass percent of homogeneous material and total mass of all occurrences in product	2010-04-02	2016-03-28
00041		Diisobutyl phthalate		84-69-5	DIBP; Bis(2-methylpropyl)benzene-1,2-dicarboxylate; 1,2-Benzenedicarboxylic acid, diisobutyl ester	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [EU] REACH Regulation (EC)	All	0.1 mass% in homogenous material	Material	Mandatory	Mass percent of homogeneous material and total mass of all occurrences in product	2010-04-02	2016-03-28
00042		1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich		71888-89-6	DIHP; C6-8-(branched)-Alkyl benzene-1,2-dicarboxylate	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2011-10-14	2016-03-28
00043		1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters		68515-42-4	Di-C7-11-(linear and branched)-alkyl phthalate	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2011-10-14	2016-03-28
00044	Polybrominated biphenyls (PBB)	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	PBB	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [China] Law Measures for Restriction of the Use of Hazardous Substances in Electrical Appliances and Electronic Products; [Japan] Law for	All	0.1 mass% in homogenous material	Material	Mandatory	Mass percent of total PBBs in homogeneous material	2010-04-02	2019-07-21

00045	Polybrominated diphenyl ethers (PBDE)	See Reference Substance worksheet for more details		See Reference Substance PBDE worksheet for more details	Flame retardant	Criteria 1: Currently Regulated	[EU] RoHS Directive 2011/65/EU and its amendments; [China] Law Measures for Restriction of the Use of Hazardous Substances in Electrical Appliances and Electronic Products; [Japan] Law for the Promotion of Effective Utilization of Resources;	All	0,1 mass% in homogenous material	Material	Mandatory	Mass percent of total PBDEs in homogeneous material	2010-04-02	2019-07-21
00046	Polychlorinated Biphenyls (PCBs) and specific substitutes	See Reference Substance worksheet for more details	Notes: EU REACH Regulation Annex XVII applies to one or more reference substances in this Declarable Substance Group.	See Reference Substance PCBs worksheet for more details	Insulation oil, lubricant oil, electrical insulation medium, solvent, electrolytic solution, plasticizers, fire retardants, dielectric sealants	Criteria 1: Currently Regulated	[EU] Persistent Organic Pollutants (POPs) Regulation (EC) No.850/2004; [USA] Toxic Substances Control Act (TSCA); [Japan] Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.	All	Intentionally added	Product	Mandatory	Mass percent	2010-04-02	2020-01-16
00047	Polychlorinated Terphenyls (PCTs)	See Reference Substance worksheet for more details		See Reference Substance PCTs worksheet for more details	Insulation oil, lubricant oil, electrical insulation medium, solvent, electrolytic solution, plasticizers, fire retardants, coatings for electrical wire	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	All	0.005 mass% in material	Material	Mandatory	Mass percent of material	2010-04-02	2016-03-28
00048	Polychlorinated naphthalenes	See Reference Substance worksheet for more details		See Reference Substance PCNs worksheet for more details	Lubricant, paint, stabilizer (electric characteristic, flame-resistant, water-resistant) insulator, flame retardant	Criteria 1: Currently Regulated	[EU] Persistent Organic Pollutants (POPs) Regulation (EC) No.850/2004; [Japan] Act on the Evaluation of Chemical Substances and Regulation of Their	All	Intentionally added	Product	Mandatory	Mass percent	2010-04-02	2019-07-21
00049	Radioactive substances	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details	Optical properties (thorium), measuring devices, gauges, detectors	Criteria 1: Currently Regulated	[USA] Nuclear Regulatory Commission Regulations Title 10 CFR Part 20; [Japan] Law for the Regulation of Nuclear Source Material, Nuclear Fuel Material, and Reactors; [Japan] Law Concerning Prevention from Radiation Hazards due to Radio-Isotopes, etc.; [EU]	All	Intentionally added	Product	Mandatory	Mass percent	2010-04-02	2016-03-28
00050	Aluminosilicate Refractory Ceramic Fibres		Additional substance description: 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		Thermal insulation for high temperature test equipment	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00051	Zirconia Aluminosilicate Refractory Ceramic Fibres		Additional substance description: 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		Thermal insulation for high temperature test equipment	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2018-01-15

00052	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	See Reference Substance worksheet for more details	See Reference Substance worksheet for more details	Short Chain Chlorinated Paraffins	Plasticizer for PVC, flame retardant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation; [EU] Persistent Organic Pollutants (POPs) Regulation (EC) No.850/2004; [Norway] Regulations relating to restrictions on the manufacture, import, export, sale and use of chemicals and other products hazardous to health and the environment (Consumer Product Regulations) FOR-2004-06-01-922; [Switzerland] Act of Reduction of Risks in	All	Intentionally added or 0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00053		Strontium chromate	7789-06-2	C.I. Pigment Yellow 32; Chromic acid (H ₂ CrO ₄), strontium salt (1:1)	Pigment; corrosion resistant coating	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2011-10-14	2016-03-28
00054		Bis(tributyltin) oxide (TBTO)	56-35-9	TBTO; Distannoxane, hexabutyl-	Antiseptic, antifungal agent, paint, pigment, antistaining, refrigerant, foaming agent, extinguishant, solvent cleaner	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation; [Japan] Act on the Evaluation of Chemical Substances and Regulation	All	Intentionally added or 0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2016-03-28
00055	Tri-substituted organostannic compounds	See Reference Substance worksheet for more details	See Reference Substance worksheet for more details		Stabilizer, antioxidant, antibacterial and antifungal agents, antifoulant, antiseptic, anti-fungal agent, paint, pigment, antistaining	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII; [Japan] Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.; [Norway] Regulations relating to restrictions on the manufacture, import, export, sale and use of chemicals and other products hazardous to health and the	All	Intentionally added or 0.1 mass% of tin in the part	Product Part	Mandatory	Mass percent of product part	2010-04-22	2016-03-28
00056		Tris(2-chloroethyl) phosphate	115-96-8	TCEP; Ethanol, 2-chloro-, phosphate (3:1)	Flame retardant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2010-04-02	2019-07-21
00057		4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	4-(2,4,4-trimethylpentan-2-yl)phenol; Phenol, 4-(1,1,3,3-	Unreacted process chemical	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-01-30	2016-03-28
00058		Bis(2-methoxyethyl) ether	111-96-6	1-methoxy-2-(2-methoxyethoxy)ethane; Ethane, 1,1'-oxybis[2-	Electrolyte in lithium batteries	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-01-30	2016-03-28
00059		Bis(2-methoxyethyl) phthalate	117-82-8	1,2-Benzenedicarboxylic acid, 1,2-bis(2-methoxyethyl) ester	Plasticizer	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-01-30	2016-03-28
00060		Pentazinc chromate octahydroxide	49663-84-5	Zinc chromate hydroxide (Zn ₅ (CrO ₄)(OH) ₈)	Colorant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-01-30	2016-03-28
00061		Potassium hydroxyoctaoxidizincate dichromate	11103-86-9	Potassium zinc chromate hydroxide (KZn ₂ (CrO ₄) ₂ (OH))	Paint, anti-corrosion	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-01-30	2016-03-28
00062	Chlorinated Flame Retardants (CFR)	See Reference Substance worksheet for more details	See Reference Substance CFR worksheet for more details		flame retardant for housing, connectors, package molding sealing flame retardant	Criteria 3: For Information Only	(Standard) JEDEC JS709	Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	Material	Optional	Mass percent of chlorine in plastic materials	2013-01-30	2016-03-28
00063	Chlorinated Flame Retardants (CFR)	See Reference Substance worksheet for more details	See Reference Substance CFR worksheet for more details			Criteria 3: For Information Only	(Standard) IEC 61249-2-21; (Standard) IPC-4101	Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in	Material	Optional	Mass percent of total chlorine in laminate	2013-01-30	2016-03-28
00064		Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	1163-19-5	decabromodiphenyl ether; DecaBDE; 1,1'-Oxybis(pentabromobenzene); Benzene, 1,1'-oxybis[2,3,4,5,6-	Flame retardant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation; [USA] Toxic Substances Control Act	All	Intentionally added or 0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2021-04-28
00065		Sulfurous acid, lead salt, dibasic	62229-08-7	Lead(2+) hydroxide sulfate (2:2:1); Sulfurous acid, lead salt, dibasic	Heat stabilizer for PVC, for example for wiring and cabling insulation	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00066		1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	TEGDME; triglyme; 2,5,8,11-	Solvent may be used in battery electrolytes for lithium batteries. May be in	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00067		Trilead dioxide phosphonate	12141-20-7	Lead oxide phosphonate (Pb ₃ O ₂ (HPO ₃))	Heat stabilizer for PVC, for example for wiring and cabling insulation	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00068		1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	EGDME; 1,2-dimethoxyethane; Ethane, 1,2-dimethoxy-	Solvent used in battery electrolytes for lithium batteries. May be in found in printing inks and paint	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00069		4-aminoazobenzene	60-09-3	4-(Phenylazo)aniline; Benzenamine, 4-(2-phenyldiazenyl)-	Used as yellow pigment and in inks, including inks for inkjet printers. It is also used as a dye for lacquer, varnish, wax products, oil	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00070		Tetralead trioxide sulphate	12202-17-4	Lead oxide sulfate (Pb ₄ O ₃ (SO ₄))	Heat stabilizer for PVC, for example for wiring and cabling insulation	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00071		Orange lead (lead tetroxide)	1314-41-6	lead tetroxide; Lead oxide (Pb ₃ O ₄)	Used in rust-proof primer paints	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00072		Pyrochlor, antimony lead yellow	8012-00-8	Lead antimonate; C.I. Pigment Yellow 41	Used as yellow pigment for coloring plastics and paint	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28

00073	Pentalead tetraoxide sulphate		12065-90-6	Lead oxide sulfate (Pb5O4(SO4))	Heat stabilizer for plastics; for example, non-transparent PVC	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00074	1,2-diethoxyethane		629-14-1	Ethane, 1,2- diethoxy-	Solvent used in electrolytes for lithium batteries.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00075	Diboron trioxide		1303-86-2	Boron oxide (B2O3)	Found in wood veneers, glass/fiber optics, and ceramics - for industrial	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00076	Dibutyltin dichloride (DBTC)		683-18-1	DBTC; Stannane, dibutylidichloro-	Ingredient in some paint thinner and as heat stabilizer for PVC	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00077	Lead cyanamidate		20837-86-9	Lead(2+) cyanamide; Cyanamide, lead(2+) salt (1:1)	Used in anticorrosion coatings e.g. steel articles	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00078	N,N-dimethylformamide		68-12-2	DMF; Formamide, N,N-dimethyl-	Used as electrolyte in electrolytic capacitors rated for low temperature	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00079	Silicic acid (H2SiO5), barium salt (1:1), lead-doped	Additional substance description: 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,	68784-75-8	Barium silicate, lead-doped	Used in UV emitting light bulbs and lamps	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2018-01-15
00080	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear		84777-06-0	bis-C5-alkyl-(linear and branched)phthalate	Plasticizer in plastic materials in specialist applications, for example where high solvating	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2019-07-21
00081	Diisopentyl phthalate		605-50-5	Bis(3-methylbutyl) phthalate; 1,2-Benzenedicarboxylic acid, 1,2-bis(3-	Plasticizer in plastic materials in specialist applications, for example where high solvating	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2019-07-21
00082	N-pentyl-isopentylphthalate		776297-69-9	n-pentyl-isopentyl phthalate; 1,2-Benzenedicarboxylic acid, 1-(3-methylbutyl) 2-	Plasticizer in plastic materials in specialist applications, for example where high solvating	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00083	Lead titanium trioxide		12060-00-3	C.I. Pigment Yellow 47; Lead titanium oxide (PbTiO3)	In piezoelectric components, ultrasound transducers, gas igniters, ultrasonic motors, ceramic capacitors and other electronic components that	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00084	Lead titanium zirconium oxide		12626-81-2	PZT; Lead titanium zirconium trioxide; Lead titanium zirconium oxide (Pb(Ti,Zr)O3)	In piezoelectric components, ultrasound transducers, gas igniters, ultrasonic motors, ceramic capacitors and other electronic components that	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00085	Lead oxide sulfate		12036-76-9	Dilead oxide sulphate; Lead oxide sulfate (Pb2O(SO4))	Heat stabilizer for PVC used for wiring and cabling insulation.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00086	[Phthalato(2-)]dioxotrilead		69011-06-9	Lead, [1,2-benzenedicarboxylato(2-)]dioxotri-	Heat stabilizer for plastics, for example for wiring and cabling insulation.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00087	Dioxobis(stearato)trilead		12578-12-0	Octadecanoic acid, lead complex; Lead, bis(octadecanoato)dioxotri-	Heat stabilizer for plastics, for example for wiring and cabling insulation.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00088	Fatty acids, C16-18, lead salts		91031-62-8	C16-18-(even numbered)-fatty acids, lead salts	Heat stabilizer for plastics, for example for wiring and cabling insulation.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00089	Lead dinitrate		10099-74-8	Lead(2+) dinitrate; Nitric acid, lead(2+) salt (2:1)	Heat stabilizer in nylon and polyesters, also used as a coating on paper for photo	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00090	Di-isodecyl phthalate (DIDP)		68515-49-1; 26761-40-0	DIDP; 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich;	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant	Criteria 1: Currently Regulated	[USA California] Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65)	All	Intentionally added	Product	Mandatory	Mass percent	2013-06-10	2016-03-28
00091	Di-n-hexyl phthalate (DnHP)		84-75-3	DnHP; Dihexyl phthalate; 1,2-Benzenedicarboxylic acid, 1,2-dihexyl ester	Plasticizer, dye, pigment, paint, ink, adhesive, lubricant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation; [USA California] Safe Drinking Water and Toxic	All	Intentionally added or 0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-06-10	2016-03-28
00092	Hexahydromethylphthalic anhydride	See Reference Substance worksheet for more details			Additional substance description: including cis- and trans- stereo isomeric forms and all possible combinations of the isomers Notes: This declarable substance group has a	See Reference Substance worksheet for more details						Mass percent of article and total mass of all occurrences in product	2013-09-25	2018-01-15
00093	Cadmium		7440-43-9		Pigments, anti-corrosion surface treatments, optical glass, heat stabilizers, plating, fluorescent materials, electrodes, low melting solders, electric contacts, zinc plating,	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-09-25	2016-03-28

00094		Cadmium oxide		1306-19-0	cadmium oxide (CdO)	Relay contact; photodiode voltaic cell, Ni/Cd battery	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-09-25	2016-03-28
00095		Dipentyl phthalate (DPP)		131-18-0	DPP; 1,2-Benzenedicarboxylic acid, 1,2-dipentyl ester	Plasticizer in PVC and nitrocellulose resin and rubber; in gunpowder, toys, cosmetics, medical	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-09-25	2016-03-28
00096		Pentadecafluorooctanoic acid (PFOA)		335-67-1	PFOA; Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-	PFOA is used as an emulsion stabilizer to manufacture polyvinylidene fluoride (PVDF) and other fluorinated polymers and elastomers and can be found in concentrations up	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-09-25	2016-03-28
00097		Ammonium pentadecafluorooctanoate (APFO)		3825-26-1	APFO; Octanoic acid, 2,2,3,3,4,4,5,5,6,6,7,7,8,8,8-pentadecafluoro-, ammonium salt (1:1)	APFO is used as an emulsion stabilizer to manufacture polyvinylidene fluoride (PVDF) and other fluorinated polymers and elastomers and can be found in concentrations up	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-09-25	2016-03-28
00098	4-Nonylphenol, branched and linear, ethoxylated	See Reference Substance worksheet for more details	Additional substance description: Substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues,	See Reference Substance worksheet for more details		Nonylphenol ethoxylates are used in paints, lacquers and varnishes in concentrations up to 10% w/w of the mixture.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2013-09-25	2018-01-15
00099		Cadmium sulphide		1306-23-6	Cadmium sulfide (CdS)	Used in photo-resistors, solar cells and piezoelectric transducers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2014-04-09	2016-03-28
00100		Trixylyl phosphate		25155-23-1	Phenol, dimethyl-, 1,1',1''-phosphate	Used as a plasticizer for vinyl resin, cellulose resin, natural and synthetic rubber. Also, used as a dye for textiles and paper	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2014-04-09	2016-03-28
00102		Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)		573-58-0	C.I. Direct Red 28; Disodium 4-amino-3-[[4-{4-[(1-amino-4-sulfonatophthalen-2-yl)diazenyl]phenyl}phenyl)diazenyl]naphthalene-1-sulfonate; 1-Naphthalenesulfonic acid, 3,3'-[[1,1'-biphenyl]-		Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2014-04-09	2016-03-28
00105		Imidazolidine-2-thione (2-imidazoline-2-thiol)		96-45-7	2-imidazoline-2-thiol; 2-imidazolidinethione	used as a catalyst in some acrylic adhesive glues which may be used in adhesive tapes (for example, double sided adhesive tapes which may	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2014-04-09	2019-07-21
00106		1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear		68515-50-4	1,2-Benzenedicarboxylic acid, 1,2-dihexyl ester, branched and linear	Used as a plasticizer for certain plastics and rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2014-09-24	2016-03-28
00107		Disononyl phthalate (DINP)		28553-12-0; 68515-48-0	DINP	Used as a plasticizer for PVC	Criteria 1: Currently Regulated	[USA California] Safe Drinking Water and Toxic Enforcement Act of 1986	All	Intentionally added	Product	Mandatory	Mass percent	2014-09-24	2016-03-28
00108		Benzo[a]pyrene (BaP)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	50-32-8	BaP; Benzo[def]chrysene	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00109		Benzo[e]pyrene (BeP)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	192-97-2	BeP	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00110		Benzo[a]anthracene (BaA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	56-55-3	BaA; Benz[a]anthracene	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00111		Chrysen (CHR)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	218-01-9	CHR; chrysene	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00112		Benzo[b]fluoranthene (BbFA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	205-99-2	BbFA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00113		Benzo[j]fluoranthene (BjFA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	205-82-3	BjFA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00114		Benzo[k]fluoranthene (BkFA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	207-08-9	BkFA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00115		Dibenzo[a,h]anthracene (DBAaH)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	53-70-3	DBAaH	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts that come into direct, prolonged or repetitive skin or oral cavity	0.0001 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21
00116		Benzo[a]pyrene (BaP)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	50-32-8	BaP; Benzo[def]chrysene	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the plastic or rubber part	Material	Mandatory	Mass percent of material	2014-09-24	2019-07-21

00117		Benzo[e]pyrene (BeP)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	192-97-2	BeP	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00118		Benzo[a]anthracene (BaA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	56-55-3	BaA; Benz[a]anthracene	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00119		Chrysen (CHR)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	218-01-9	CHR; chrysene	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00120		Benzo[b]fluoranthene (BbFA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	205-99-2	BbFA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00121		Benzo[j]fluoranthene (BjFA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	205-82-3	BjFA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00122		Benzo[k]fluoranthene (BkFA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	207-08-9	BkFA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00123		Dibenzo[a,h]anthracene (DBaHA)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon (PAH)	53-70-3	DBaHA	Impurities in carbon black, which is used as coloring agent in plastics and softener in rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 ANNEX XVII	Rubber or plastic parts of toys and childcare articles that come into direct, prolonged or	0.00005 mass% of the Material plastic or rubber part	Mandatory	Mass percent of material	2014-09-24	2019-07-21	
00124	Perfluorooctane sulfonates (PFOS)	See Reference Substance worksheet for more details	Notes: When two reporting thresholds are listed, the manufacturer needs to evaluate their products against both thresholds. Reporting is required if one or both thresholds are exceeded.	See Reference Substance worksheet for more details	Substance PFOS	Antistatic agent for films and plastics	Criteria 1: Currently Regulated	[EU] Persistent Organic Pollutants (POPs) Regulation (EC) No.850/2004; [Canada] Prohibition of Certain Toxic Substances Regulations SOR/2012-285 and its amendment; [Japan] Act on the Evaluation of Chemical Substances and Regulation	Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	Mandatory	Mass percent and surface area of material	2014-09-24	2016-03-28	
00125	Perfluorooctane sulfonates (PFOS)	See Reference Substance worksheet for more details	Notes: 1. This entry replaces (in part) the original PFOS entry 00034; 2. When two reporting thresholds are listed, the manufacturer needs to evaluate their products against both thresholds. Reporting is required if one	See Reference Substance worksheet for more details	Substance PFOS	Antistatic agent for films and plastics	Criteria 1: Currently Regulated	[EU] Persistent Organic Pollutants (POPs) Regulation (EC) No.850/2004; [Canada] Prohibition of Certain Toxic Substances Regulations SOR/2012-285 and its amendment; [Japan] Act on the Evaluation of Chemical Substances and Regulation	All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	Mandatory	Mass percent and surface area of material	2014-09-24	2016-03-28	
00126		Disodium 4-amino-3-[[4-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate		1937-37-7	C.I. Direct Black 38; 2,7-Naphthalenedisulfonic acid, 4-amino-3-[[2-[4'-(2,4-diaminophenyl)diazonyl][1,1'-biphenyl]-4-yl]diazonyl]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate	Used in ink for printers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2014-09-24	2016-03-28
00128		2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate		15571-58-1	DOTe; 8-Oxa-3,5-dithia-4-stannatetradecanoic acid, 10-ethyl-4,4-dioctyl-7-oxo-, 2-ethylhexyl reaction mass of DOTe and MOTe	PVC stabilizer	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-04-08	2016-03-28
00129		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-7-2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)		25973-55-1	UV-328; 2-(2H-benzotriazol-2-yl)-4,6-bis(2-methylbutan-2-yl)phenol; Phenol, 2-(2H-Di-C6-10 alkyl phthalate; Di-C6-10 (even numbered) alkyl phthalate; 1,2-Benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-Benzenedicarboxylic acid, mixed decyl and 1,2-oxathiolane 2,2-dioxide; 1,2-oxathiolane, 2,2-dioxide	PVC stabilizer	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-04-08	2016-03-28
00131		1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl and octyl diesters	Additional substance description: With ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	UV-327; 2-(5-chloro-2H-benzotriazol-2-yl)-4,6-bis(2-methyl-2-propanyl)phenol; Phenol, 2-(5-chloro-2H-UV-350; 2-(2H-benzotriazol-2-yl)-6-sec-butyl-4-tert-butylphenol; phenol, 2-(2H-benzotriazol-2-yl)-4-(1,1-	Plasticisers, lubricants, adhesives, coatings, cable compounding, polymer foils, PVC compound coatings, paints, thinners, paint removers, fillers, putties, plasters, ink and toners, greases, release products, polymer	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-07-15	2018-01-15
00133		1,3-propanesultone		1120-71-4	Electrolyte fluid of rechargeable lithium ion batteries		Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-12-17	2016-03-28
00134		2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)		3864-99-1	UV stabilizer		Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-12-17	2016-03-28
00135		2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)		36437-37-3	UV stabilizer		Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-12-17	2016-03-28
00140	Perfluorononan-1-oi- acid and its sodium and ammonium salts	See Reference Substance worksheet for more details	Notes: This declarable substance group has a complete list of substances that is specified in the	See Reference Substance worksheet for more details	Substance	Surfactant in the production of the fluoropolymer polyvinylidene fluoride	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2015-12-17	2016-06-23

00138	Benzo[def]chrysene (Benzo[a]pyrene)	Notes: This declarable substance is a polycyclic aromatic hydrocarbon	50-32-8	Benzo[a]pyrene; BaP	Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2016-06-23	2020-01-16
00141	4,4'-isopropylidenediphenol		80-05-7	BPA; Bisphenol A; 4,4'-propane-2,2'-diylidiphenol; phenol, 4,4'-(1-methylethylidene)bis-	Antioxidant for plasticizer and PVC, ink, paint and adhesive; used as monomer in epoxy resins and plastics	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation; [USA California] Safe Drinking Water and Toxic	All	Intentionally added or 0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2017-01-12	2018-01-15
00142	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	See Reference Substance worksheet for more details		PFDA	Plasticizer, lubricant, corrosion inhibitor	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2017-01-12	2017-01-12
00143	Perfluorohexane-1-sulphonic acid and its salts	See Reference Substance worksheet for more details			Impurity in production of PFOS and alternative for PFOS, a surfactant which can be found in protective coatings and adhesives which are resistant to water, dirt, oils etc.	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2017-09-03	2017-09-03
00144	Chrysene	Notes: This declarable substance is a polycyclic aromatic hydrocarbon	218-01-9	CHR	Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-01-15	2020-01-16
00145	Benz[a]anthracene	Notes: This declarable substance is a polycyclic aromatic hydrocarbon	56-55-3	BaA; Benzo[a]anthracene	Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-01-15	2020-01-16
00146	Cadmium hydroxide		21041-95-2	Cadmium dihydroxide	It is generated in the anodes of nickel-cadmium and silver-cadmium batteries during the	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-01-15	2018-01-15
00147	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacycl[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™")	See Reference Substance worksheet for more details		Dechlorane Plus™; 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-	Flame retardant for electric wire and cable covering material	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-01-15	2018-04-05
00148	Benzo[ghi]perylene	Notes: This declarable substance is a polycyclic aromatic hydrocarbon	191-24-2		Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2020-01-16
00149	Octamethylcyclotetrasiloxane		556-67-2	D4; Cyclotetrasiloxane, 2,2,4,4,6,6,8,8-octamethyl-	Siloxanes are monomers used to manufacture silicones. They may remain as unreacted in silicone polymers and copolymers, used in many	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08
00150	Decamethylcyclopentasiloxane		541-02-6	D5; Cyclopentasiloxane, 2,2,4,4,6,6,8,8,10,10-decamethyl-	Siloxanes are monomers used to manufacture silicones. Residuals may remain in silicone polymers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08
00151	Dodecamethylcyclohexasiloxane		540-97-6	D6; Cyclohexasiloxane, 2,2,4,4,6,6,8,8,10,10,12,12-dodecamethyl-	Siloxanes are monomers used to manufacture silicones. They may remain as unreacted in silicone polymers and copolymers, used in many	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08
00152	Disodium octaborate		12008-41-2	Boron sodium oxide (B8Na2O13)	Wooden veneer sheets and pressed wooden panels (as a constituent within the starch adhesive), as a flame retardant, as stabilizer in aminoplastic resins, and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08
00153	Terphenyl, hydrogenated		61788-32-7		Plasticizers, sealants, epoxy adhesives, paints and heat sinks	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08
00154	Lead		7439-92-1		Steel, aluminum and copper alloys, lead acid batteries, solder and other	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08
00139	Dicyclohexyl phthalate		84-61-7	DCHP; 1,2-benzenedicarboxylic acid, 1,2-dicyclohexyl	Plasticizer, dye, pigment, paint, ink, manufacture of adhesive, lubricant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2018-07-08	2018-07-08

00155	2,2-bis(4'-hydroxyphenyl)-4-methylpentane		6807-17-6	4-[2-(4-hydroxyphenyl)-4-methylpentan-2-yl]phenol	White crystalline powder, Raw material for epoxy resins, Raw materials for polycarbonate resin, Thermal paper, Chemicals, Surface coatings, Inks, Adhesives, Synthetic resin additives, Liquid crystal materials, Photosensitizers, Information recording agents, Engineering plastic materials, Electronic	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2019-01-15	2019-01-15
00156	Benzo[k]fluoranthene		207-08-9		Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2019-01-15	2019-01-15
00157	Fluoranthene		206-44-0		Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2019-01-15	2020-01-16
00158	Phenanthrene		85-01-8		Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2019-01-15	2019-01-15
00159	Pyrene		129-00-0		Impurities in carbon black, which is used as coloring agent in plastics and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2019-01-15	2020-01-16
00160	Perfluorooctanoic acid and its salts	See Reference Substance worksheet for more details		See Reference Substance PFOA worksheet for more details	Greases, textiles and other coated consumer products, and emulsifiers used for manufacturing the Fluoropolymers and fluoroelastomers	Criteria 1: Currently Regulated	[EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021; [Japan] Act on the Evaluation of Chemical Substances and Regulation of Their Manufacture, etc.; [Korea (the Republic of)] Persistent	All	Intentionally added or 0.000025 mass% of PFOA including its salts in article or mixture	Article, Mixture	Mandatory	Mass percent of article or mixture	2019-07-21	2022-01-17
00161	PFOA-related compounds	See Reference Substance worksheet for more details		See Reference Substance PFOA worksheet for more details	Greases, textiles and other coated consumer products, and emulsifiers used for manufacturing the Fluoropolymers and fluoroelastomers	Criteria 1: Currently Regulated	[EU] Persistent Organic Pollutants (POPs) Regulation (EU) 2019/1021; [Korea (the Republic of)] Persistent Organic Pollutants Control Act	All	Intentionally added or 0.0001 mass% of one or a combination of PFOA-related compounds, in article or mixture	Article, Mixture	Mandatory	Mass percent of article or mixture	2019-07-21	2022-01-17
00162	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	See Reference Substance worksheet for more details		See Reference Substance TNPP worksheet for more details	stabilizer and antioxidant in the processing of various plastic materials such as PVC, Polyolefines or rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2019-07-21	2019-07-21
00163	Tetraboron disodium heptaoxide, hydrate		12267-73-1		In wood veneers/ pressed wooden panels as starch additive, flame retardant and stabilizer in aminoplastic resin, wood	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2020-01-16	2020-01-16
00164	Diisohexyl phthalate		71850-09-4		Used as a plasticizer for certain plastics and rubbers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2020-01-16	2020-01-16
00165	Perfluorobutane sulfonic acid (PFBS) and its salts	See Reference Substance worksheet for more details		See Reference Substance PFBS worksheet for more details	Impurity in production of PFOS and alternative for PFOS, a surfactant which can be found in protective coatings and adhesives which are resistant to water, dirt, oils etc. May be used as a flame retardant	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2020-01-16	2020-01-16
00170	Dibutylbis(pentane-2,4-dionato-O,O')tin		22673-19-4		Used as biocides and as stabilisers in plastics. Used also as a catalyst and in the manufacturing of adhesives, sealants, coatings, dyes, polymer preparations, resins and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2020-06-25	2020-06-25

00171	Halogenated Flame Retardants	See Reference Substance worksheet for more details	Note: Commission Regulation (EU) 2019/2021 defines 'flame retardant' means a substance that markedly retards the	See Reference Substance worksheet for more details		Flame retardant in electronic displays	Criteria 1: Currently Regulated	[EU] Commission Regulation (EU) 2019/2021 laying down ecodesign requirements for electronic displays	enclosure and stand of electronic displays, including televisions, monitors and digital signage displays with a	Intentionally added	Product	Mandatory	Mass percent	2021-01-19	2021-01-19
00172		Bis(2-(2-methoxyethoxy)ethyl)ether		143-24-8	Tetraglyme; Tetraethylene glycol dimethyl ether; TetraEGDME;	Solvent in electrolyte in lithium-ion batteries, solvent in other manufacturing process	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2021-01-19	2021-01-19
00173	Diocetyl dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		Stabilisers and catalysts in the production of e.g. plastics and rubber. Used for the manufacture of the follow article categories: plastic products, fabrics, textiles, apparel, and	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2021-01-19	2021-01-19
00174		Phenol, Isopropylated Phosphate (3:1) (PIP (3:1))		68937-41-7	PIP (3:1)	Flame retardant and/or plasticizer in polymers such as flexible polyurethane foam and PVC, lubricant, hydraulic fluid, adhesives and	Criteria 1: Currently Regulated	[USA] Toxic Substances Control Act (TSCA)	All	Intentionally added	Product	Mandatory	Mass percent	2021-04-28	2021-04-28
00175	Cobalt/Cobalt compounds					Batteries	Criteria 1: Currently Regulated	[EU] Ecodesign requirements (EU) 2021/341 and (EU) 2019/424 pursuant to Directive 2009/125/EC	batteries used in computer servers and online data storage products	Intentionally Added	Product Part	Mandatory	Responder may report actual amount or in three defined ranges as described below: if mass of cobalt in a battery is less than 5g -- then report mass =0 with +mass tolerance = 4.99g if mass of cobalt in a battery is between 5g and 25g -- then report mass =5g with +mass tolerance = 20.00g if mass of cobalt in a battery is greater than 25g -- then report mass =25.01g (Note: 25.01 indicates that the actual mass may be any number greater than 25)	2021-07-16	2021-07-16
00176	Neodymium/Neodymium compounds					HDDs (Hard Disk Drives)	Criteria 1: Currently Regulated	[EU] Ecodesign requirements (EU) 2021/341 and (EU) 2019/424 pursuant to Directive 2009/125/EC	HDDs used in computer servers and online data storage products	Intentionally Added	Product Part	Mandatory	Responder may report actual amount or in three defined ranges as described below: if mass of neodymium in the HDD is less than 5g -- then report mass =0 with +mass tolerance = 5g if mass of neodymium in the HDD is between 5g and 25g -- then report mass =5g with +mass tolerance = 20g if mass of neodymium in the HDD is greater than 25g -- then report mass =25.01g (Note: 25.01 indicates that the actual mass may be any number greater than 25)	2021-07-16	2021-07-16
00177		4,4'-(1-methylpropylidene)bisphenol		77-40-7	Bisphenol B; BPB	Antioxidant for plasticizer and PVC, ink, paint and adhesive; used as monomer in epoxy resins	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2021-07-16	2021-07-16
00178	Medium-chain chlorinated paraffins (MCCP)	See Reference Substance worksheet for more details	Additional substance description: UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within	See Reference Substance worksheet for more details	MCCP	Flame retardant and / or plasticizer in PVC and rubber, paints and coatings, adhesives and sealants, textiles and fabric	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2021-07-16	2021-07-16
00179	orthoboric acid, sodium salt	See Reference Substance worksheet for more details		See Reference Substance worksheet for more details		As flame retardant/adhesive ingredients for wood, paper, cotton and other	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass of all occurrences in product	2021-07-16	2021-07-16
00180	4-Nonylphenol, branched and linear	See Reference Substance worksheet for more details	substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual	See Reference Substance worksheet for more details	4-Nonylphenol	Paint, glues and polymers	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass	2022-01-17	2022-01-17
00181		6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol		119-47-1	DBMC	Adhesives, sealants, lubricants, fuels, hydraulic fluids, metal working, antioxidant/stabilizer for	Criteria 1: Currently Regulated	[EU] REACH Regulation (EC) No.1907/2006 Candidate List for Authorisation	All	0.1 mass% of article	Article	Mandatory	Mass percent of article and total mass	2022-01-17	2022-01-17