# **Material Data Declaration Sheet - v003**

Schema Database Version: IEC 62474 X6.01 Substance Database Version: IEC 62474 D19.00



# **Supplier Information**

Company Name \* Intel Corporation Response Document ID 61603 Company Unique ID 047897855 Unique ID Authority Dun and Bradstreet Response Date \* 2020-11-13

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# Product(s)

# Product Family Name:

Requester Item Number	Item Number *	Description	Effective Date *	Mass *	UoM*	Comment
	BDACDD50051	BDACDD50051	2020-11-13	1000.00	g	

# Product Part(s)

				% of Product		
ID*	Description	Effective Date*	Units*	Mass	Comment	
CONN_CARD_EDGE	CONN_CARD_EDGE	2020-11-13	4	9.84		
DIODES	DIODES	2020-11-13	2	0.10		
LINEAR-DRIVER	LINEAR-DRIVER	2020-11-13	6	0.26		
MEMORY-MODULE	MEMORY-MODULE	2020-11-13	4	23.20		
NEW_BIZ_RDV	NEW_BIZ_RDV	2020-11-13	58	0.23		
Resistor	Resistor	2020-11-13	340	1.41		
SERIAL_INTRFC_MEM	SERIAL_INTRFC_MEM	2020-11-13	1	0.011		
UPI_ASSEMBLY	UPI_ASSEMBLY	2020-11-13	5	4.77		
хтд	хтд	2020-11-13	1	0.000061		
Other Items 1	Other Items	2020-11-13	1	60.18		

Declaration		1
LHPLA	This product is Low Halogen (Components): Applies only to brominated and chlorinated flame retardants (BFRs/CFRs) and PVC in the final product. The replacement of halogenated flame retardants may not be better for the environment. Intel Components as well as purchased components on the finished assembly meet the joint JEDEC/ECA JS-709B requirement.	False
LHPWB	This product is Low Halogen (PCB): Applies Br/Cl in the PCB Laminate. The PCB / Substrate meet IEC 61249-2-21 requirements. The replacement of halogenated flame retardants may not be better for the environment	False
PVC	This product does not contain PVC	True
SVHC	Product Contains REACh SVHC above .1% of article	True
RoHS.Exempt	Product meets EU RoHS Directive 2 2011/65/EU Requirements (Directive 2011/65/EU) and its amendments (e.g. 2015/863/EU) by application of the selected exemptions	True

# Exemptions

EL2011/534/EU	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)	7(a)
	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound	7(c)-I

# Signature

Intel Product Ecology

C=US, E=productecology@intel.com, OU="", O=Intel Corporation, CN=Intel Product Ecology

Part ID	Description	# of Units	Part Mass %	
CONN_CARD_EDGE	CONN_CARD_EDGE	4	g	9.84

## RoHS

Homogenous Mater					Reporting	Above	Substance Mass % of		
Name	Material Class ID	HM Mass %	Substance Group	<b>Reportable Application</b>		Threshold? (T/F)	нм	Exemption	Comments
			Benzyl butyl phthalate (BBP)	AII	0.1 mass% in homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
			Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of	0.1 mass% of total Pb in homogenous material	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

## Low Halogen

Homogenous Material Name		HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above	Substance Mass % of HM	Comments
РАЭТ	M-013	77.598	retardants (other than	printed wiring board	0.1 mass% of bromine in plastic materials	true	25.000	

ΡΑ9Τ	M-014	77.598	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	Printed wiring board	0.09 mass% total bromine content in laminate	true	25.000		
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#### **Other Declarable Substances**

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00	comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	
Chlorinated Flame Retardants (CFR)			Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds			(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous			All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.00	

Hexabromocyclododeca ne (HBCDD)		All	Intentionally added or 0.01 mass% of article	false	0.00	
Hexahydromethylphthali c anhydride		All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds		Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds		Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds		Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds		Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds		Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds		Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds		All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium		All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)		All	Intentionally Added	false	0.00	
Perchlorates		All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts		All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	

Perfluorooctane sulfonates (PFOS)			All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA			Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA			All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts			All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances			All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)			Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)			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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.00	
Polychlorinated naphthalenes			All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)			All	0.005 mass% in material	false	0.00	
Radioactive substances			All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥			All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	

ā	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
ā	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
ā	1,2-Benzenedicarboxylic acid, dihexyl ester, pranched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
ā	1,2-Benzenedicarboxylic acid, dipentyl ester, pranched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
e	1,2-bis(2-methoxyethoxy) ethane (TEGDME; rriglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
ſ	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
e	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
1	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
-	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) ohenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
,	2-(2H-benzotriazol-2-yl)-4 6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) 4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
r	2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
	2-benzotriazol-2-yl-4,6-di- ert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
1	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo 8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
	4-(1,1,3,3-tetramethylbut /l)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
	4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	

4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	

Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	

Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	
Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	

Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	
Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis (stearato) trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi loxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
	Di-n-hexyl phthalate (DnHP) Dioxobis(stearato)trilead Dipentyl phthalate (DPP) Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(a20)]bis(4-aminona Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl]az0][1,1'-biphe Disodium octaborate Dodecamethylcyclohexasi loxane Fatty acids, C16-18, lead salts Fluoranthene Formaldehyde Imidazolidine-2-thione (2-imidazoline-2-thiol) Lead Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	Di-n-hexyl phthalate (DnHP)84-75-3Dioxobis(stearato)trilead12578-12-0Dipentyl phthalate (DPP)131-18-0Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d573-58-0Disodium 3,3'-[[4,1[2,4-diami nophenyl]azo][1,1'-biphe1937-37-7Disodium octaborate12008-41-2Dodecamethylcyclohexasi salts540-97-6Fatty acids, C16-18, lead salts91031-62-8Fluoranthene206-44-0Formaldehyde50-00-0Imidazolidine-2-thione (2-imidazoline-2-thiol)96-45-7Lead7439-92-1Lead chromate molybdate sulphate red (C.I. Pigment Red 104)12656-85-8	Di-n-hexyl phthalate (DnHP)84-75-3AllDioxobis(stearato)trilead12578-12-0AllDipentyl phthalate (DPP)131-18-0AllDisodium 3,3^-[1,1'-biphenyl]-4,4'-d573-58-0AllDisodium 4-amino-3-[[4'-[(2,4-diami lybis(azo)]bis(4-aminona d'ubis(azo)]bis(4-aminona 1030dium 0-phenyl]azo][1,1'-biphe locane1937-37-7AllDisodium octaborate12008-41-2AllDisodium octaborate540-97-6AllDisodium octaborate91031-62-8AllFatty acids, C16-18, lead salts91031-62-8AllFluoranthene206-44-0AllFormaldehyde50-00-0TextilesImidazolidine-2-thione (2-imidazoline-2-thiol)96-45-7AllLead7758-97-6AllLead chromate molybdate sulphate red (C1. Pigment Red 104)12656-85-8All	Dimethylrumarate (DMF)624-49-7AllpartDi-n-hexyl phthalate (DnHP)84-75-3AllIntentionally added or 0.1 mass% of articleDioxobis(stearato)trilead12578-12-0All0.1 mass% of articleDipentyl phthalate (DPP)131-18-0All0.1 mass% of articleDisodium 3.3'[1,1'-biphenyl]-4.4'-d sy3-[1,1'-biphenyl]-4.4'-d ipybis(aco)]bis(4-aminona573-58-0All0.1 mass% of articleDisodium 4-amino-3-[[4'-[(2,4-diami 1/1'-biphenyl]-4.4'-d pompenyl]azo][1,1'-biphenyl]-4.4'-d 	Dimethyliumarate (DMF)624-49-7AllpartraiseDin-hexyl phthalate (DnHP)84-75-3AllIntentionally added or 0.1 mass% of articlefalseDioxobis(stearato)trilead12578-12-0All0.1 mass% of articlefalseDipentyl phthalate (DPP)131-18-0All0.1 mass% of articlefalseDisodium tybis(azo)lbis(4-aminona) bisodium tamino-3[4/1(2,4-diam nophenylazo][1,1'-bipheny]-4,4'-d ybis(azo)lbis(4-aminona)573-58-0All0.1 mass% of articlefalseDisodium tamino-3[4/1(2,4-diam hophenylazo][1,1'-bipheny]-4,4'-d ybis(azo)lbis(4-aminona)573-58-0All0.1 mass% of articlefalseDisodium octaborate12008-41-2All0.1 mass% of articlefalsefalseDodecamethylcyclohexasi salts540-97-6All0.1 mass% of articlefalseFluoranthene206-44-0All0.1 mass% of articlefalseFluoranthene206-45-7All0.1 mass% of articlefalseLead739-92-1All0.1 mass% of articlefalseLead chromate molybdate sulphate red (C) Figure Red 104)1256-85-8All0.1 mass% of articlefalse	Dimethylfumarate (DMF)624-49-7Allpartraise0.00Di-n-hexyl phthalate (DNHP)84-75-3AllIntentionally added or 0.1 mass% of articlefalse0.00Dioxobis(stearato)trilead12578-12-0All0.1 mass% of articlefalse0.00Dipentyl phthalate (DPP)131-18-0All0.1 mass% of articlefalse0.00Disodium 3.3-(11,1-biphenyl-4.4-0 s73-58-0All0.1 mass% of articlefalse0.00Disodium 4-amino-3-[4-1(2,4-diami 4-amino-3-[4-1(2,4-diami)1397-37-7All0.1 mass% of articlefalse0.00Disodium otcaborate12008-41-2All0.1 mass% of articlefalse0.00Disodium otcaborate266-40-0All0.1 mass% of articlefalse0.00Formaldehyde50-00-0Textiles0.0075 mass % of textilefalse0.00Inidazolidine-2-thione (2-thidazoline-2-thion)96-45-7All0.1 mass% of articlefalse0.00Lead chromate molybdate sulphate red (2-thidazoline-2-thion)758-97-6All0.1 mass% of articlefalse0.00Lead chro

Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	

Reaction mas 2-ethylhexyl 10-ethyl-4,4-c		All	0.1 mass% of article	false	0.00	
Silicic acid (H2 barium salt (1 lead-doped		All	0.1 mass% of article	false	0.00	
Strontium chr	omate 7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acio dibasic	l, lead salt, 62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hy	drogenated 61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron di heptaoxide, h	12267-72-1	All	0.1 mass% of article	false	0.00	
Tetralead trio sulphate	xide 12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxid phosphonate	e 12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroe phosphate	thyl) 115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosp	hate 25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %
DIODES	DIODES	2	0.10

## RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting	Above Threshold? (T/F)	Substance Mass % of	Exemption	Comments
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false		Exemption	connicitts
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
Chip Passivation	M-010	0.016	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	45.000	7(c)-I	
Solder	M-009	3.348	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	90.000	7(a)	
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

## Low Halogen

						Substance	
<b>Homogenous Material</b>				Reporting	Above	Mass % of	
Name	Material Class ID	HM Mass %	Substance Group	Reportable Application Threshold	Threshold? (T/F)	НМ	Comments

	rotardants (other than	Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	
		Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	
M-012	PVC			false	

## Other Declarable Substances

			Reportable		Above Threshold?	Substance Mass		
Substance Group	Substance	CAS #	Application	Reporting Threshold	(T/F)	(% of Article)	Comments	
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00		
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00		
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00		
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00		
Asbestos			All	Intentionally added	false	0.00		
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00		
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	0.00		
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00		
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00		
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00		
Chlorinated Flame Retardants (CFR)			Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00		

Dibutyltin (DBT) compounds	All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds	(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous	All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)	All	Intentionally added or 0.01 mass% of article	false	0.00	
Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	
Perchlorates	All	6 x 10 ^-7 mass% of battery or product part	false	0.00	

Perfluorobutane sulfonic acid (PFBS) and its salts		All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.00	
Polychlorinated naphthalenes		All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)		All	0.005 mass% in material	false	0.00	
Radioactive substances		All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥		All	0.1 mass% of article	false	0.00	

Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
	2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno l (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	

2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	lovs and childcare	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	

Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	

Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	

Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	
Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	
Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi Ioxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	

Lead	7439-92-1	All	0.1 mass% of article	true	0.75	
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	

Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
 Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %
LINEAR-DRIVER	LINEAR-DRIVER	6	0.20

## RoHS

Homogenous Material					Reporting	Above	Substance Mass % of		
Name	Material Class ID	HM Mass %	Substance Group	<b>Reportable Application</b>		Threshold? (T/F)	нм	Exemption	Comments
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
DIE ADHESIVE1	M-009	13.226	Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of	0.1 mass% of total Pb in homogenous material	true	88.000	7(a)	
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

## Low Halogen

Homogenous Material Name	HM Mass %	Substance Group	Reportable Application	Reporting Threshold		Substance Mass % of HM	Comments
		retardants (other than	Printed wiring board laminate	0.09 mass% total bromine content in laminate	false		

		Printed Wiring Board	0.09 mass% total chlorine content in laminate	false	
M-012	PVC			false	

## **Other Declarable Substances**

			Deve estable			Culotenes M	
Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00	
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	
Chlorinated Flame Retardants (CFR)			Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.00	

Dioctyltin (DOT) compounds	(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous	All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)	All	Intentionally added or 0.01 mass% of article	false	0.00	
Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	
Perchlorates	All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article	false	0.00	

Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.00	
Polychlorinated naphthalenes		All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)		All	0.005 mass% in material	false	0.00	
Radioactive substances		All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥		All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds		All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	

Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
	2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno l (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
	2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	

	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
	4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
	4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4	4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
F	Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
	Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
	Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
	Benzo[a]anthracene [BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
1	Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
1	Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
	Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
	Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
	Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
	Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
I	Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	

Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	

Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	

Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	
Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi loxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	true	0.32	

Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	

		1				
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %	
MEMORY-MODULE	MEMORY-MODULE	4	23	.20

Homogenous Material					Reporting	Above	Substance Mass % of		
Name	Material Class ID	HM Mass %	Substance Group	<b>Reportable Application</b>		Threshold? (T/F)	нм	Exemption	Comments
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
Electrode_Inner_Overgla ze	M-010	0.001	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	56.970	7(c)-l	
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

Homogenous Material Name	HM Mass %	Substance Group	Reportable Application			Substance Mass % of HM	Comments
Interposer SolderMask_Barium Sulfate_Mask Ink	0.033		Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	true	3.630	

Substance Group	Substance	CAS #	Reportable Application	Poporting Throshold	Above Threshold?	Substance Mass	Commonte
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.	Substance		All	Reporting Threshold 0.1 mass% of article	(T/F) false	(% of Article) 0.00	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds			(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous			All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)			All	Intentionally added or 0.01 mass% of article	false	0.00	

Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	
Perchlorates	All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts	All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts	All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)	Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)	All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	

Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA			Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA			All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts			All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances			All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)			Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)			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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.00	
Polychlorinated naphthalenes			All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)			All	0.005 mass% in material	false	0.00	
Radioactive substances			All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥			All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	

1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno l (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	true	0.021	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	

per	nmonium ntadecafluorooctanoat APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Ber	nz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Ber (Ba	nzo[a]anthracene aA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber (Ba	nzo[a]anthracene aA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
	nzo[b]fluoranthene pFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
	nzo[b]fluoranthene pFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
	nzo[def]chrysene enzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Ber	nzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Ber (Bjf	nzo[j]fluoranthene FA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber (Bjf	nzo[j]fluoranthene FA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[k]fluoranthene		All	0.1 mass% of article	false	0.00	
	nzo[k]fluoranthene (FA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	

Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	

Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	
Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	

Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi loxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	

Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	

Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %
NEW_BIZ_RDV	NEW_BIZ_RDV	58	0.23

Homogenous Material					Reporting	Above	Substance Mass % of		
Name	Material Class ID	HM Mass %	Substance Group Benzyl butyl phthalate		0.1 mass% in	Threshold? (T/F)	НМ	Exemption	Comments
			(BBP)		homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
nner protective coat		3.698	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	88.100		
RES,0402,4.75K DHM,1/10W,+-1%,SMD	M-010	55.000		batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	55.000	7(c)-I	
Solder Paste	M-009	9.709	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	92.500	7(a)	
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

Homogenous Material Name		HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
PBT GF BLACK	M-013	61.860	retardants (other than	printed wiring board	0.1 mass% of bromine in plastic materials	true	12.667	
PBT GF BLACK	M-014	61.860	refardants (other than	Printed wiring board laminate	0.09 mass% total bromine content in laminate	true	12.667	

			Reportable		Above Threshold?	Substance Mass	
Substance Group	Substance	CAS #	Application	Reporting Threshold	(T/F)	(% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00	
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	
Chlorinated Flame Retardants (CFR)			Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds			(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	

Disodium tetraborate, anhydrous		All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)		All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)		All	Intentionally added or 0.01 mass% of article	false	0.00	
Hexahydromethylphthali c anhydride		All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds		Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds		Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds		Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds		Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds		Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds		Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds		All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium		All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)		All	Intentionally Added	false	0.00	
Perchlorates		All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts		All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	

Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.00	
Polychlorinated naphthalenes		All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)		All	0.005 mass% in material	false	0.00	
Radioactive substances		All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥		All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds		All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres		All	0.1 mass% of article	false	0.00	

[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno I (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	

4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	

Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08- <del>9</del>	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	

Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	
Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	

Disonoryl phthalate (DNP)2853-12-0; 68515-8-0AliIntentionally addedFalse0.000Disopentyl phthalate (DnHP)605-50-5Ali0.1 mass% of articlefalse0.000Dimettylfumarate (DMF)624-49-7Ali0.00001 mass% of articlefalse0.000Di-n-besyl phthalate (DnHP)84-75-3AliIntentionally added or 0.1 mass% of articlefalse0.000Disobilis(stearato)triled Disolum 33-11(11-16)phenyl+4.4-6Ali0.1 mass% of articlefalse0.000Disodum 03-00001131-18-0Ali0.1 mass% of articlefalse0.000Disodum 03-00001050dum 03-37-7Ali0.1 mass% of articlefalse0.000Disodum 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 045(42-01)bis(4-arminona- 04-arminona- 045(42-01)bis(4-arminona- 04-arminona- 045(42-01)bis(4-arminona- 0							
Image: Control of the set of			All	Intentionally added	false	0.00	
Dimethylumarate (DMP)b24-49-7AllpartFalse0.00Di-n-hexyl phthalate (DHP)84-75-3Allintentionally added or 0.1 mass% of articlefalse0.00Dioxobis(stearato)trilead12578-12-0All0.1 mass% of articlefalse0.00Dipentyl phthalate (DPP)131-18-0All0.1 mass% of articlefalse0.00Disodium 3,3-[1,1]-'biphenyl]-4,4-'d 3,3-[1,1]-'biphenyl]-4,4-'d573-58-0All0.1 mass% of articlefalse0.00Disodium 4-amino-3-[[4]-[(2,4-diami nophenyl]220[1,1]-'biphen1937-37-7All0.1 mass% of articlefalse0.00Disodium otaborate12008-41-2All0.1 mass% of articlefalse0.00Image Colored10001000 <td>Diisopentyl phthalate</td> <td>605-50-5</td> <td>All</td> <td>0.1 mass% of article</td> <td>false</td> <td>0.00</td> <td></td>	Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Image: ControlB4-75-3All0.1 mass% of articleTailse0.00Dioxobis(stearato)trilead12578-12-0All0.1 mass% of articlefalse0.00Dipentyl phthalate (DPP)131-18-0All0.1 mass% of articlefalse0.00Disodium3.3*[1,1]*biphenyl]-4,4*d573-58-0All0.1 mass% of articlefalse0.00Disodium4-arnino-3 [4]*[2,4-diami1937-37-7All0.1 mass% of articlefalse0.00Disodium4-arnino-3 [4]*[2,4-diami1937-37-7All0.1 mass% of articlefalse0.00Disodium orbity/azo[1,1]*biphe1208-41-2All0.1 mass% of articlefalse0.00Disodium octaborate1208-41-2All0.1 mass% of articlefalse0.00Disodium octaborate206-44-0All0.1 mass% of articlefalse0.00Extra acids, C16-18, lead206-44-0All0.1 mass% of articlefalse0.00Extra acids, C16-18, lead206-44-0All0.1 mass% of articlefalse0.00Extra acids, C16-18, lead206-44-0All0.1 mass% of article	Dimethylfumarate (DMF)	624-49-7	All		false	0.00	
Image: Constraint of the second sec		84-75-3	All		false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d) iylbis(a-aminona573-58-0AllO.1 mass% of articlefalseO.00Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl]azo][1,1'-biphe1937-37-7AllO.1 mass% of articlefalse0.00Disodium octaborate12008-41-2AllO.1 mass% of articlefalse0.00Disodium octaborate540-97-6AllO.1 mass% of articlefalse0.00Fatty acids, C16-18, lead salts91031-62-8AllO.1 mass% of articlefalse0.00Fluoranthene206-44-0AllO.1 mass% of articlefalse0.00Image: Construction of an open construction of an op	Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
3,3'-[1,1'-biphenyl]-4,4'-d iylbis(a-aminona573-58-0All0.1 mass% of articlefalse0.00Disodium 4-amino-3-[14'-[12,4-diami nophenyl]az0[1,1'-biphe1937-37-7All0.1 mass% of articlefalse0.00Disodium octaborate12008-41-2All0.1 mass% of articlefalse0.00Dodecamethylcyclohexasi loxane540-97-6All0.1 mass% of articlefalse0.00Fatty acids, C16-18, lead salts91031-62-8All0.1 mass% of articlefalse0.00Fuoranthene206-44-0All0.1 mass% of articlefalse0.00	Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
4-amino-3-[[4'-[(2,4-diam nophenyl)az0][1,1'-bipheAll0.1 mass% of articlefalse0.00Disodium octaborate12008-41-2All0.1 mass% of articlefalse0.00Dodecamethylcyclohexasi loxane540-97-6All0.1 mass% of articlefalse0.00Fatty acids, C16-18, lead salts91031-62-8All0.1 mass% of articlefalse0.00Fuoranthene206-44-0All0.1 mass% of articlefalse0.00	3,3'-[[1,1'-biphenyl]-4,4'-d	573-58-0	All	0.1 mass% of article	false	0.00	
Image: series of the series	4-amino-3-[[4'-[(2,4-diami	1937-37-7	All	0.1 mass% of article	false	0.00	
IoxaneS40-97-6All0.1 mass% of articleTaise0.00Fatty acids, C16-18, lead salts91031-62-8All0.1 mass% of articlefalse0.00Fluoranthene206-44-0All0.1 mass% of articlefalse0.00	Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
salts     91031-62-8     All     0.1 mass% of article     Taise     0.00       Fluoranthene     206-44-0     All     0.1 mass% of article     false     0.00		540-97-6	All	0.1 mass% of article	false	0.00	
		91031-62-8	All	0.1 mass% of article	false	0.00	
Formaldehyde     50-00-0     Textiles     0.0075 mass % of textile     false     0.00	Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
	Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)96-45-7All0.1 mass% of articlefalse0.00		96-45-7	All	0.1 mass% of article	false	0.00	
Lead 7439-92-1 All 0.1 mass% of article true 0.34	Lead	7439-92-1	All	0.1 mass% of article	true	0.34	
Lead chromate     7758-97-6     All     0.1 mass% of article     false     0.00	Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	

Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	

Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %
Resistor	Resistor	340	1.41

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting	Above Threshold? (T/F)	Substance Mass % of	Exemption	Commonte
Name			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false		Exemption	Comments
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
Ag/pd/Glass		1.561	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	1.476	7(c)-I	
Glass electrical contact	M-010	0.202	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	99.900	7(c)-I	
nner protective coat		3.698	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	88.100		
			Mercury/Mercury Compounds	All. except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

Homogenous Material Name		HM Mass %	Substance Group	Reportable Application	Reporting Threshold		Substance Mass % of HM	Comments
			refardants (other than	Printed wiring board Iaminate	0.09 mass% total bromine content in laminate	false		
				Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false		
	M-012		PVC			false		

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00	
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	

Chlorinated Flame Retardants (CFR)	Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00	
Dibutyltin (DBT) compounds	All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds	(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous	All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)	All	Intentionally added or 0.01 mass% of article	false	0.00	
Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	

Perchlorates		All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts		All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.00	
Polychlorinated naphthalenes		All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)	 	All	0.005 mass% in material	false	0.00	
Radioactive substances		All	Intentionally added	false	0.00	

Tris(4-nonylphenyl,							
branched and linear) phosphite (TNPP) with ≥			All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	

2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno I (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	

Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	

Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	

Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	
Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	
Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi Ioxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	

Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	

Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony ead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	
	Dectahydroxide         Phenanthrene         Potassium         hydroxyoctaoxodizincate         dichromate         Pyrene         Pyrochlore, antimony         ead yellow         Reaction mass of         Pethylhexyl         Do-ethyl-4,4-dioctyl-7-oxo         Sillicic acid (H2Si2O5),         Darium salt (1:1),         ead-doped         Strontium chromate         Gulfurous acid, lead salt,         fetraboron disodium         neptaoxide, hydrate         Fetralead trioxide         sulphate         Frilead dioxide         phosphonate	Appendix and the sector of t	AllPhenanthrene85-01-8AllPhenanthrene85-01-8AllPotassium hydroxyoctaoxodizincate11103-86-9AllPyrene129-00-0AllPyrochlore, antimony ead yellow8012-00-8AllReaction mass of 2-ethylhexyl 0-ethyl-4,4-dioctyl-7-oxoAllReaction mass of 2-ethylhexyl 0-ethyl-4,4-dioctyl-7-oxoAllStrontium chromate7789-06-2AllSulfurous acid, lead salt, Bibasic62229-08-7AllRephenyl, hydrogenated61788-32-7AllRetraberon disodium rephaoxide, 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Part ID	Description	# of Units	Part Mass %	
SERIAL_INTRFC_MEM	SERIAL_INTRFC_MEM	1	0.0	11

Homogenous Mater	ial				Reporting	Above	Substance Mass % of		
Name	Material Class ID	HM Mass %	Substance Group	<b>Reportable Application</b>	Threshold	Threshold? (T/F)	нм	Exemption	Comments
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
			Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of	0.1 mass% of total Pb in homogenous material	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

Homogenous Material Name	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above	Substance Mass % of HM	Comments
Die AttachFilm_Standard	22.190		Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	true	20.000	

Substance Group	Substance	CAS #	Reportable Application	Poporting Throshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Commonte
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	Reporting Threshold 0.1 mass% of article	false	(% of Article) 0.00	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds			(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous			All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)			All	Intentionally added or 0.01 mass% of article	false	0.00	

Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	
Perchlorates	All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts	All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts	All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)	Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)	All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	

Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA			Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA			All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts			All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances			All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)			Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)			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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.00	
Polychlorinated naphthalenes			All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)			All	0.005 mass% in material	false	0.00	
Radioactive substances			All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥			All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	

1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno l (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	

per	nmonium ntadecafluorooctanoat APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Ber	nz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Ber (Ba	nzo[a]anthracene aA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber (Ba	nzo[a]anthracene aA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
	nzo[b]fluoranthene pFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
	nzo[b]fluoranthene pFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
	nzo[def]chrysene enzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Ber	nzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Ber (Bjf	nzo[j]fluoranthene FA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Ber (Bjf	nzo[j]fluoranthene FA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Ber	nzo[k]fluoranthene		All	0.1 mass% of article	false	0.00	
	nzo[k]fluoranthene (FA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	

Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	

Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	
Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	

Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi loxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	

Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	
Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	

Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %	
UPI_ASSEMBLY	UPI_ASSEMBLY	5	4	.77

# RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Commen <u>ts</u>
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
Power Train IC		2.323	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	3.826		
Power Train IC	M-009	2.323	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	3.826	7(a)	
Resistor 4	M-010	0.004	Lead/Lead Compounds	batteries, 2. surface	0.1 mass% of total Pb in homogenous material	true	2.883	7(c)-l	
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

Low Halogen

Homogenous Material Name		HM Mass %	Substance Group	Reportable Application	Reporting Threshold		Substance Mass % of HM	Comments
			refardants (other than	Printed wiring board Iaminate	0.09 mass% total bromine content in laminate	false		
				Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false		
	M-012		PVC			false		

## Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00	
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	

Chlorinated Flame Retardants (CFR)	Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00	
Dibutyltin (DBT) compounds	All	0.1 mass% of tin in the part	false	0.00	
Dioctyltin (DOT) compounds	(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous	All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)	All	All Intentionally added or 0.01 mass% of article		0.00	
Hexahydromethylphthali c anhydride	All	All 0.1 mass% of article false		0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	igned or intended 0.01 mass% fals		0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	

Perchlorates		All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts		All	0.1 mass% of article	false	0.00	
Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.00	
Polychlorinated naphthalenes		All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)	 	All	0.005 mass% in material	false	0.00	
Radioactive substances		All	Intentionally added	false	0.00	

Tris(4-nonylphenyl,							
branched and linear) phosphite (TNPP) with ≥			All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	

2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno I (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	

Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
Boric acid	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	

Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	

Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	

Pentazinc chromate octahydroxide       49663-84-5       All       0.1 mass% of article       false       0.00         Phenanthrene       85-01-8       All       0.1 mass% of article       false       0.00         Potassium hydroxyoctaoxodizincate       11103-86-9       All       0.1 mass% of article       false       0.00
Potassium Contraction Contract
dichromate
Pyrene 129-00-0 All 0.1 mass% of article false 0.00
Pyrochlore, antimony lead yellow 8012-00-8 All 0.1 mass% of article false 0.00
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo     All     0.1 mass% of article     false     0.00
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped 68784-75-8 All 0.1 mass% of article false 0.00
Strontium chromate 7789-06-2 All 0.1 mass% of article false 0.00
Sulfurous acid, lead salt, dibasic       62229-08-7       All       0.1 mass% of article       false       0.00
Terphenyl, hydrogenated     61788-32-7     All     0.1 mass% of article     false     0.00
Tetraboron disodium heptaoxide, hydrate12267-73-1All0.1 mass% of articlefalse0.00
Tetralead trioxide sulphate12202-17-4All0.1 mass% of articlefalse0.00
Trilead dioxide phosphonate     12141-20-7     All     0.1 mass% of article     false     0.00
Tris(2-chloroethyl)     115-96-8     All     0.1 mass% of article     false     0.00
Trixylyl phosphate     25155-23-1     All     0.1 mass% of article     false     0.00

Part ID	Description	# of Units	Part Mass %	
XTG	XTG	1		0.000061

## RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false		Exemption	comments
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
First Protective Coating	M-010	0.931	Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of	0.1 mass% of total Pb in homogenous material	true	54.966	7(c)-I	
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

## Low Halogen

Homogenous Material Name	HM Mass %	Substance Group	Reportable Application	Reporting Threshold		Substance Mass % of HM	Comments
		retardants (other than	Printed wiring board laminate	0.09 mass% total bromine content in laminate	false		

		Printed Wiring Board	0.09 mass% total chlorine content in laminate	false	
M-012	PVC			false	

## **Other Declarable Substances**

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false	0.00	
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.00	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false	0.00	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
Asbestos			All	Intentionally added	false	0.00	
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board Iaminate	0.09 mass% total bromine content in laminate	false	0.00	
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false	0.00	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.00	
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false	0.00	
Chlorinated Flame Retardants (CFR)			Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false	0.00	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.00	

Dioctyltin (DOT) compounds	(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	0.00	
Disodium tetraborate, anhydrous	All	0.1 mass% of article	false	0.00	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	false	0.00	
Hexabromocyclododeca ne (HBCDD)	All	Intentionally added or 0.01 mass% of article	false	0.00	
Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	0.00	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	0.00	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	0.00	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	0.00	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	0.00	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	0.00	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	0.00	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	All	Intentionally Added	false	0.00	
Perchlorates	All	6 x 10 ^-7 mass% of battery or product part	false	0.00	
Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article	false	0.00	

Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	0.00	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	0.00	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	0.00	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	0.00	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	0.00	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	0.00	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	0.00	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	0.00	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.00	
Polychlorinated naphthalenes		All	Intentionally added	false	0.00	
Polychlorinated Terphenyls (PCTs)		All	0.005 mass% in material	false	0.00	
Radioactive substances		All	Intentionally added	false	0.00	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥		All	0.1 mass% of article	false	0.00	
Tri-substituted organostannic compounds		All	Intentionally added or 0.1 mass% of tin in the part	false	0.00	

Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.00	
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
	2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno l (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
	2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	

2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	

Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	

Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	

Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	
Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi loxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	

Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	

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Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	

Part ID	Description	# of Units	Part Mass %	
Other Items 1	Other Items	1		60.18

## RoHS

Homogenous Mate	rial				Reporting	Above	Substance Mass % of		
Name	Material Class ID	HM Mass %	Substance Group	<b>Reportable Application</b>	Threshold	Threshold? (T/F)	НМ	Exemption	Comments
			Benzyl butyl phthalate (BBP)	All	0.1 mass% in homogenous material	false			
			Bis (2-ethylhexyl)phthalate (DEHP)	All	0.1 mass% in homogenous material	false			
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd in homogenous material	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr+6 in homogenous material	false			
			Dibutyl phthalate (DBP)	All	0.1 mass% in homogenous material	false			
			Diisobutyl phthalate	All	0.1 mass% in homogenous material	false			
			Lead/Lead Compounds	All, except for: 1. batteries, 2. surface coating material of	0.1 mass% of total Pb in homogenous material	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or 0.1 mass% of total Hg in homogenous	false			
			Polybrominated biphenyls (PBB)	All	0.1 mass% in homogenous material	false			
			Polybrominated diphenyl ethers (PBDE)	All	0.1 mass% in homogenous material	false			

## Low Halogen

Homogenous Material Name	HM Mass %	Substance Group	Reportable Application	Reporting Threshold		Substance Mass % of HM	Comments
		retardants (other than	Printed wiring board laminate	0.09 mass% total bromine content in laminate	false		

	1		Printed Wiring Board	0.09 mass% total chlorine content in laminate	false	
M-012		PVC			false	

## **Other Declarable Substances**

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Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
1,6,7,8,9,14,15,16,17,17, 18,18-Dodecachloropent acyclo[12.2.1.16,9.02,13.			All	0.1 mass% of article	false		
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false		
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass% of article	false		
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false		
Asbestos			All	Intentionally added	false		
Azocolourants and Azodyes which form certain aromatic amines			Textiles and Leather	0.003% by weight of the finished textile/leather product	false		
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Printed wiring board laminate	0.09 mass% total bromine content in laminate	false		
Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)			Plastic materials except printed wiring board laminates	0.1 mass% of bromine in plastic materials	false		
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false		
Chlorinated Flame Retardants (CFR)			Plastic materials except printed wiring board laminates	0.1 mass% chlorine in plastic materials	false		
Chlorinated Flame Retardants (CFR)			Printed Wiring Board (PWB) Laminates	0.09 mass% total chlorine content in laminate	false		
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false		

Dioctyltin (DOT) compounds	(a) textile and leather articles intended to come into contact with	0.1 mass% of tin in the part	false	
Disodium tetraborate, anhydrous	All	0.1 mass% of article	false	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)	All	Intentionally Added	false	
Hexabromocyclododeca ne (HBCDD)	All	Intentionally added or 0.01 mass% of article	false	
Hexahydromethylphthali c anhydride	All	0.1 mass% of article	false	
Lead/Lead Compounds	Consumer products designed or intended primarily for children 12	0.01 mass%	false	
Lead/Lead Compounds	Paint and similar surface coatings of toys and other articles intended	0.009 mass% of surface coating material	false	
Lead/Lead Compounds	Cables/cords with thermoset or thermoplastic coatings	0.03 mass% of surface coating material	false	
Lead/Lead Compounds	Batteries	0.004 mass% of battery	false	
Mercury/Mercury Compounds	Batteries	Intentionally added or 0.0001 mass% of battery	false	
Mercury/Mercury Compounds	Batteries	0.0005 mass% of total Hg in homogenous material	false	
Nickel/Nickel Compounds	All, where prolonged skin contact is expected	Intentionally Added	false	
Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium	All	0.1 mass% of article	false	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)	 All	Intentionally Added	false	
Perchlorates	All	6 x 10 ^-7 mass% of battery or product part	false	
Perfluorobutane sulfonic acid (PFBS) and its salts	All	0.1 mass% of article	false	

Perfluorohexane-1-sulph onic acid and its salts		All	0.1 mass% of article	false	
Perfluorononan-1-oic-aci d and its sodium and ammonium salts		All	0.1 mass% of article	false	
Perfluorooctane sulfonates (PFOS)		Textiles or other coated materials.	Intentionally added or 1 microgram/m2 of coated material	false	
Perfluorooctane sulfonates (PFOS)		All except textiles or other coated materials.	Intentionally added or 0.1 mass% of the part (as the sum of PFOS)	false	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		Textiles, photographic coatings applied to films, paper or printing plates	1 microgram/m2 (as the sum of PFOA)	false	
Perfluorooctanoic acid (PFOA) and individual salts and esters of PFOA		All except textiles, photographic coatings applied to films, paper or	0.1 mass% of the part (as the sum of PFOA)	false	
Perfluorooctanoic acid and its salts		All	0.0000025 mass% of PFOA including its salts in article or mixture	false	
PFOA-related substances		All	0.0001 mass% of one or a combination of PFOA-related substances,	false	
Phthalates, Selected Group 1 (DEHP, DBP, BBP, DIBP)		Children's toy or child care article	0.1 mass% as the sum of the phthalate concentrations in	false	
Phthalates, Selected Group 2 (DIDP, DINP, DNOP)		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	false	
Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	
Polychlorinated naphthalenes		All	Intentionally added	false	
Polychlorinated Terphenyls (PCTs)		All	0.005 mass% in material	false	
Radioactive substances		All	Intentionally added	false	
Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥		All	0.1 mass% of article	false	
Tri-substituted organostannic compounds		All	Intentionally added or 0.1 mass% of tin in the part	false	

Zirconia Aluminosilicate							
Refractory Ceramic Fibres			All	0.1 mass% of article	false		
	[Phthalato(2-)]dioxotrilea d	69011-06-9	All	0.1 mass% of article	false	0.00	
	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters or mixed decyl and hexyl	68515-51-5; 68648-93-1	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	All	0.1 mass% of article	false	0.00	
	1,2-Benzenedicarboxylic acid, dipentyl ester, branched and linear	84777-06-0	All	0.1 mass% of article	false	0.00	
	1,2-bis(2-methoxyethoxy) ethane (TEGDME; triglyme)	112-49-2	All	0.1 mass% of article	false	0.00	
	1,2-diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.00	
	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	All	0.1 mass% of article	false	0.00	
	1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 -(tert-butyl)-6-(sec-butyl) phenol (UV-350)	36437-37-3	All	0.1 mass% of article	false	0.00	
	2-(2H-benzotriazol-2-yl)-4 ,6-ditertpentylphenol (UV-328)	25973-55-1	All	0.1 mass% of article	false	0.00	
	2,2-bis(4'-hydroxyphenyl) -4-methylpentane	6807-17-6	All	0.1 mass% of article	false	0.00	
	2,4-di-tert-butyl-6-(5-chlo robenzotriazol-2-yl)pheno l (UV-327)	3864-99-1	All	0.1 mass% of article	false	0.00	
	2-benzotriazol-2-yl-4,6-di- tert-butylphenol (UV-320)	3846-71-7	All	Intentionally added or 0.1 mass% of article	false	0.00	

2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo -8-oxa-3,5-dithia-4-stanna	15571-58-1	All	0.1 mass% of article	false	0.00	
4-(1,1,3,3-tetramethylbut yl)phenol	140-66-9	All	0.1 mass% of article	false	0.00	
4,4'-isopropylidenediphe nol	80-05-7	All	Intentionally added or 0.1 mass% of article	false	0.00	
4-aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.00	
Ammonium pentadecafluorooctanoat e (APFO)	3825-26-1	All	0.1 mass% of article	false	0.00	
Benz[a]anthracene	56-55-3	All	0.1 mass% of article	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]anthracene (BaA)	56-55-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[a]pyrene (BaP)	50-32-8	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[b]fluoranthene (BbFA)	205-99-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	All	0.1 mass% of article	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[e]pyrene (BeP)	192-97-2	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[ghi]perylene	191-24-2	All	0.1 mass% of article	false	0.00	

Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[j]fluoranthene (BjFA)	205-82-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene	207-08-9	All	0.1 mass% of article	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Benzo[k]fluoranthene (BkFA)	207-08-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Benzyl butyl phthalate (BBP)	85-68-7	All	0.1 mass% in homogenous material	false	0.00	
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.00	
Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	All	0.1 mass% in homogenous material	false	0.00	
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.00	
Bis(2-methoxyethyl) phthalate	117-82-8	All	0.1 mass% of article	false	0.00	
Bis(pentabromophenyl) ether (decabromodiphenyl	1163-19-5	All	0.1 mass% of article	false	0.00	
Bis(tributyltin) oxide (TBTO)	56-35-9	All	Intentionally added or 0.1 mass% of article	false	0.00	
	10043-35-3; 11113-50-1	All	0.1 mass% of article	false	0.00	
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.00	
Cadmium hydroxide	21041-95-2	All	0.1 mass% of article	false	0.00	
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.00	

Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Chrysen (CHR)	218-01-9	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Chrysene	218-01-9	All	0.1 mass% of article	false	0.00	
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.00	
Decamethylcyclopentasil oxane	541-02-6	All	0.1 mass% of article	false	0.00	
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.00	
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts that come into direct, prolonged or repetitive	0.0001 mass% of the plastic or rubber part	false	0.00	
Dibenzo[a,h]anthracene (DBAhA)	53-70-3	Rubber or plastic parts of toys and childcare articles that come into	0.00005 mass% of the plastic or rubber part	false	0.00	
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.00	
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenous material	false	0.00	
Dibutyltin dichloride (DBTC)	683-18-1	All	0.1 mass% of article	false	0.00	
Dicyclohexyl phthalate	84-61-7	All	0.1 mass% of article	false	0.00	
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenous material	false	0.00	
Di-isodecyl phthalate (DIDP)	68515-49-1; 26761-40-0	All	Intentionally added	false	0.00	

Diisohexyl phthalate	71850-09-4	All	0.1 mass% of article	false	0.00	
Diisononyl phthalate (DINP)	28553-12-0; 68515-48-0	All	Intentionally added	false	0.00	
Diisopentyl phthalate	605-50-5	All	0.1 mass% of article	false	0.00	
Dimethylfumarate (DMF)	624-49-7	All	0.00001 mass% of the part	false	0.00	
Di-n-hexyl phthalate (DnHP)	84-75-3	All	Intentionally added or 0.1 mass% of article	false	0.00	
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.00	
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.00	
Disodium 3,3'-[[1,1'-biphenyl]-4,4'-d iylbis(azo)]bis(4-aminona	573-58-0	All	0.1 mass% of article	false	0.00	
Disodium 4-amino-3-[[4'-[(2,4-diami nophenyl)azo][1,1'-biphe	1937-37-7	All	0.1 mass% of article	false	0.00	
Disodium octaborate	12008-41-2	All	0.1 mass% of article	false	0.00	
Dodecamethylcyclohexasi Ioxane	540-97-6	All	0.1 mass% of article	false	0.00	
Fatty acids, C16-18, lead salts	91031-62-8	All	0.1 mass% of article	false	0.00	
Fluoranthene	206-44-0	All	0.1 mass% of article	false	0.00	
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.00	
Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	All	0.1 mass% of article	false	0.00	
Lead	7439-92-1	All	0.1 mass% of article	false	0.00	

Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.00	
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	All	0.1 mass% of article	false	0.00	
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.00	
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.00	
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.00	
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	All	0.1 mass% of article	false	0.00	
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.00	
Lead titanium zirconium oxide	12626-81-2	All	0.1 mass% of article	false	0.00	
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.00	
N-pentyl-isopentylphthala te	776297-69-9	All	0.1 mass% of article	false	0.00	
Octamethylcyclotetrasilox ane	556-67-2	All	0.1 mass% of article	false	0.00	
Orange lead (lead tetroxide)	1314-41-6	All	0.1 mass% of article	false	0.00	
Pentadecafluorooctanoic acid (PFOA)	335-67-1	All	0.1 mass% of article	false	0.00	
Pentalead tetraoxide sulphate	12065-90-6	All	0.1 mass% of article	false	0.00	
Pentazinc chromate octahydroxide	49663-84-5	All	0.1 mass% of article	false	0.00	
Phenanthrene	85-01-8	All	0.1 mass% of article	false	0.00	

Potassium hydroxyoctaoxodizincate dichromate	11103-86-9	All	0.1 mass% of article	false	0.00	
Pyrene	129-00-0	All	0.1 mass% of article	false	0.00	
Pyrochlore, antimony lead yellow	8012-00-8	All	0.1 mass% of article	false	0.00	
Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo		All	0.1 mass% of article	false	0.00	
Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	68784-75-8	All	0.1 mass% of article	false	0.00	
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.00	
Sulfurous acid, lead salt, dibasic	62229-08-7	All	0.1 mass% of article	false	0.00	
Terphenyl, hydrogenated	61788-32-7	All	0.1 mass% of article	false	0.00	
Tetraboron disodium heptaoxide, hydrate	12267-73-1	All	0.1 mass% of article	false	0.00	
Tetralead trioxide sulphate	12202-17-4	All	0.1 mass% of article	false	0.00	
Trilead dioxide phosphonate	12141-20-7	All	0.1 mass% of article	false	0.00	
Tris(2-chloroethyl) phosphate	115-96-8	All	0.1 mass% of article	false	0.00	
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.00	