

## Material Data Declaration Sheet - v003

Schema Database Version: IEC 62474 X6.01  
Substance Database Version: IEC 62474 D12.00



### Supplier Information

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Response Document ID	25893
Company Unique ID	047897855
Unique ID Authority	Brad and Dunstreet
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**Product(s)**

Product Family Name:

Requester Item						
Number	Item Number *	Description	Effective Date *	Mass *	UoM*	Comment
	BBS2600BPB	BBS2600BPB	2017-08-24	1.71800	kg	

**Product Part(s)**

ID*	Description	Effective Date*	Units*	% of Product Mass	Comment
BATTERY	BATTERY	2017-08-24	1	0.16851	
BATTERY-ACCESSORI E	BATTERY-ACCESSORIE	2017-08-24	1	0.098719	
CONN_CARD_EDGE	CONN_CARD_EDGE	2017-08-24	12	5.34943	
CONN_RJ	CONN_RJ	2017-08-24	2	1.50442	
CONNECTOR_HEADE R	CONNECTOR_HEADER	2017-08-24	19	0.46441	
DIODES	DIODES	2017-08-24	2	0.00094600	
FET-P-CHANNEL-TRA N	FET-P-CHANNEL-TRAN	2017-08-24	1	0.0046932	
IC-VOLTAGE-REG	IC-VOLTAGE-REG	2017-08-24	3	0.015758	
LINEAR-DRIVER	LINEAR-DRIVER	2017-08-24	30	0.19843	
MISCELLANEOUS-CO NN	MISCELLANEOUS-CONN	2017-08-24	1	0.20477	
Other Items 1	Other Items	2017-08-24	1	91.98990	

**Declaration**

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 Requirements 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)
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**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 %
BATTERY	BATTERY	1	0.16851

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries, c	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	o	false		
			Polybrominated Biphenyl	All	0.1 mass% in homoge	false			
			Polybrominated Diphenyl	All	0.1 mass% in homoge	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
			Brominated flame retardants	Printed wiring board lami	0.09 mass% total brom	false		
			Brominated flame retardants	Plastic materials except pi	0.1 mass% of bromine	false		
			Chlorinated Flame Retardants	Plastic materials except pi	0.1 mass% chlorine in	false		
			Chlorinated Flame Retardants	Printed Wiring Board (PW	0.09 mass% total chlo	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
	4-Nonylphenol, branched and linear, ethoxylated		All	0.1 mass% of article	false	0.0000	
	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)		All	Intentionally added or 0.1	false	0.0000	
	Aluminosilicate Refractory Ceramic Fibres		All	0.1 mass% of article	false	0.0000	
	Asbestos		All	Intentionally added	false	0.0000	
	Cadmium/Cadmium compounds		Batteries	0.001% by weight of batte	false	0.0000	
	Dibutyltin (DBT) compounds		All	0.1 mass% of tin in the pa	false	0.0000	
	Diocetyl tin (DOT) compounds		(a) textile and leather arti	0.1 mass% of tin in the pa	false	0.0000	
	Disodium tetraborates		All	0.1 mass% of article	false	0.0000	
	Fluorinated Greenhouse Gases (PFC, SF6, HFC)		All	Intentionally Added	false	0.0000	
	Hexabromocyclododecane (HBCDD) and all major diastereoisomers		All	Intentionally added or 0.1	false	0.0000	
	Hexahydromethylphthalic anhydride		All	0.1 mass% of article	false	0.0000	
	Lead/Lead Compounds		Consumer products desig	0.01 mass%	false	0.0000	
	Lead/Lead Compounds		Batteries	0.004 mass% of battery	false	0.0000	
	Mercury/Mercury Compounds		Batteries	Intentionally added or 0.0	false	0.0000	
	Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)		All	Intentionally Added	false	0.0000	
	Perchlorates		All	6 x 10 ^-7 mass% of batte	false	0.0000	
	Perfluorononan-1-oic-acid and its sodium and ammonium salts		All	0.1 mass% of article	false	0.0000	
	Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false	0.0000	
	Polychlorinated Naphthalenes (PCNs)		All	Intentionally added	false	0.0000	
	Radioactive substances		All	Intentionally added	false	0.0000	
	Tri-substituted organostannic compounds		All	Intentionally added or 0.1	false	0.0000	
	Zirconia Aluminosilicate Refractory Ceramic Fibres		All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotrileac	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic a	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic a	71888-89-6	All	0.1 mass% of article	false	0.0000	

1,2-Benzenedicarboxylic a	68515-42-4	All	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic a	68515-50-4	All	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic a	84777-06-0	All	0.1 mass% of article	false	0.0000
1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	true	2.55613
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-i	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-, i	68921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phthi	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Diisodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DIN	128553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000

Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000
Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaox	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl 10-ethyl-4,4-	All	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphon	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
BATTERY-ACCESSORIE	BATTERY-ACCESSORIE	1	0.098719

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	o	false		
			Polybrominated Biphenyl	All	0.1 mass% in homoge	false			
			Polybrominated Diphenyl	All	0.1 mass% in homoge	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
AAA-BAT-007-001	M-013	30.579	Brominated flame retardants	Plastic materials except p	0.1 mass% of bromine	true	30.579	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the pa	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather arti	0.1 mass% of tin in the pa	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1	false	0.0000	
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products desig	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.0	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of batte	false	0.0000	
Perfluorononan-1-oic-acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotrileac	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic a	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic a	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic a	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic a	68515-50-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic a	84777-06-0	All	0.1 mass% of article	false	0.0000	

1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-,	168921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DIN	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-	1937-37-7	All	0.1 mass% of article	false	0.0000



Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonæ	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
CONN_CARD_EDGE	CONN_CARD_EDGE	12	5.34943

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyl	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyl	All	0.1 mass% in homogen	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
AH08817-29L1-4F	M-013	25.000	Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	true	25.000	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass%	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the part	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1 mass%	false	0.0000	
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products design	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.01 mass%	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass%	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethylac	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	84777-06-0	All	0.1 mass% of article	false	0.0000	

1,2-bis(2-methoxyethoxy)-112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane 629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth 110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone 1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4-36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene 60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-, 168921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene 56-55-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[a]anthracene 56-55-3	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Benzo[a]pyrene 50-32-8	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[a]pyrene 50-32-8	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Benzo[b]fluoranthene 205-99-2	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[b]fluoranthene 205-99-2	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Benzo[def]chrysene 50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene 192-97-2	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[e]pyrene 192-97-2	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Benzo[j]fluoranthene 205-82-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[j]fluoranthene 205-82-3	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Benzo[k]fluoranthene 207-08-9	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[k]fluoranthene 207-08-9	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Benzyl butyl phthalate (BB85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide 1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalate117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT)56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid 10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium 7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide 1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide 1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen 218-01-9	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Chrysen 218-01-9	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Cobalt dichloride 7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide 1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide 1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene 53-70-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Dibenzo[a,h]anthracene 53-70-3	Rubber or plastic parts th 0.0001	mass% of the plas	false	0.0000
Diboron trioxide 1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP) 84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT)683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate 84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID)68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DINI)28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate 605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF) 624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH) 84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead 12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP) 131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe 573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[ 1937-37-7	All	0.1 mass% of article	false	0.0000

Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonæ	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
CONN_RJ	CONN_RJ	2	1.50442

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added or	false			
			Polybrominated Biphenyl	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyl	All	0.1 mass% in homogen	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
Housing	M-014	100.000	Brominated flame retardants	Printed wiring board laminates	0.09 mass% total bromine	true	7.212	
PA6T RG430NK	M-013	5.921	Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	true	12.500	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or	0.1	false	0.0000
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the package	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the package	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or	0.1	false	0.0000
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products designed for use in	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or	0.0	false	0.0000
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or	0.1	false	0.0000
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethyl	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	All	0.1 mass% of article	false	0.0000	

1,2-Benzenedicarboxylic acid	84777-06-0	All	0.1 mass% of article	false	0.0000
1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-,	68921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BBE	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis (2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DIN	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000

Disodium 4-amino-3-[[4'-[1937-37-7	All	0.1 mass% of article	false	0.0000
Fatty acids, C16-18, lead s 91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde 50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2 96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate 7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate 12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate 20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate 10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate 12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow 1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide 12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o 12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide 68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala 776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid 1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic : 335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl 12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah 49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaox 11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead 8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl 10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H2Si2O5), bari 68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate 7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d 62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat 12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphon 12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph 115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate 25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
CONNECTOR_HEADER	CONNECTOR_HEADER	19	0.46441

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyl	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyl	All	0.1 mass% in homogen	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
HOUSING	M-013	79.286	Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	true	25.000	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the part	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1	false	0.0000	
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products design	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.0	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriole	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	84777-06-0	All	0.1 mass% of article	false	0.0000	



1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-,	168921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DIN	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000

Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonæ	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
DIODES	DIODES	2	0.00094600

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyl	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyl	All	0.1 mass% in homogen	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
Encapsulation	M-013	69.644	Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	true	1.796	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass%	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the part	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1 mass%	false	0.0000	
Hexahydrophthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products design	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.01 mass%	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass%	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethylac	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	84777-06-0	All	0.1 mass% of article	false	0.0000	

1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-,	168921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DINI	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000

Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonæ	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
FET-P-CHANNEL-TRAN	FET-P-CHANNEL-TRAN	1	0.0046932

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyl	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyl	All	0.1 mass% in homogen	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
IRF7425TRPBF	M-013	0.729	Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	true	0.729	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass%	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the polymer	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the polymer	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1 mass%	false	0.0000	
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products design	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.001 mass%	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass%	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethylac	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	84777-06-0	All	0.1 mass% of article	false	0.0000	

1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-,	168921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DINI	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000

Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonæ	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000



Part ID	Description	# of Units	Part Mass %
IC-VOLTAGE-REG	IC-VOLTAGE-REG	3	0.015758

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
Die Attach	M-009	0.920	Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	true	95.181	7(a)	
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyls	All	0.1 mass% in homogen	false			
			Polybrominated Diphenyls	All	0.1 mass% in homogen	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
			Brominated flame retardants	Printed wiring board laminates	0.09 mass% total bromine	false		
			Brominated flame retardants	Plastic materials except pipes	0.1 mass% of bromine	false		
			Chlorinated Flame Retardants	Plastic materials except pipes	0.1 mass% chlorine in flame	false		
			Chlorinated Flame Retardants	Printed Wiring Board (PWB)	0.09 mass% total chlorine	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
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass%	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the part	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1 mass%	false	0.0000	
Hexahydromethylphthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products designed for use in children's toys	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.001 mass%	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	$6 \times 10^{-7}$ mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass%	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethylamine	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	

1,2-Benzenedicarboxylic a	68515-42-4	All	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic a	68515-50-4	All	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic a	84777-06-0	All	0.1 mass% of article	false	0.0000
1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-i	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-, i	68921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phthi	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Diisodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DIN	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000

Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000
Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaox	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl 10-ethyl-4,4-	All	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonε	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
LINEAR-DRIVER	LINEAR-DRIVER	30	0.19843

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
solder	M-009	3.449	Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	true	95.493	7(a)	
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cd	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyls	All	0.1 mass% in homogenized material	false			
			Polybrominated Diphenyl Ethers	All	0.1 mass% in homogenized material	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
			Brominated flame retardants	Printed wiring board laminates	0.09 mass% total bromine	false		
			Brominated flame retardants	Plastic materials except pipes	0.1 mass% of bromine	false		
			Chlorinated Flame Retardants	Plastic materials except pipes	0.1 mass% chlorine in flame retardant	false		
			Chlorinated Flame Retardants	Printed Wiring Board (PWB)	0.09 mass% total chlorine	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
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass%	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the part	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the part	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1 mass%	false	0.0000	
Hexahydrophthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products designed for use in children's toys	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.001 mass%	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorononane-1-oic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass%	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethylamine	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	

1,2-Benzenedicarboxylic a	68515-42-4	All	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic a	68515-50-4	All	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic a	84777-06-0	All	0.1 mass% of article	false	0.0000
1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-i	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-, i	68921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phthi	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of 0.00005	mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Diisodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DIN	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000

Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000
Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaox	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl 10-ethyl-4,4-	All	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphon	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
MISCELLANEOUS-CONN	MISCELLANEOUS-CONN	1	0.20477

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries,	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	false			
			Polybrominated Biphenyls	All	0.1 mass% in homogenized material	false			
			Polybrominated Diphenyl Ethers	All	0.1 mass% in homogenized material	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
10120666-101LF	M-013	25.000	Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	true	25.000	

#### Other Declarable Substances

Substance Group	Substance	CAS #	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass (% of Article)	Comments
4-Nonylphenol, branched and linear, ethoxylated			All	0.1 mass% of article	false	0.0000	
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)			All	Intentionally added or 0.1 mass%	false	0.0000	
Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
Asbestos			All	Intentionally added	false	0.0000	
Cadmium/Cadmium compounds			Batteries	0.001% by weight of battery	false	0.0000	
Dibutyltin (DBT) compounds			All	0.1 mass% of tin in the polymer	false	0.0000	
Diocetyl tin (DOT) compounds			(a) textile and leather articles	0.1 mass% of tin in the polymer	false	0.0000	
Disodium tetraborates			All	0.1 mass% of article	false	0.0000	
Fluorinated Greenhouse Gases (PFC, SF6, HFC)			All	Intentionally Added	false	0.0000	
Hexabromocyclododecane (HBCDD) and all major diastereoisomers			All	Intentionally added or 0.1 mass%	false	0.0000	
Hexahydrophthalic anhydride			All	0.1 mass% of article	false	0.0000	
Lead/Lead Compounds			Consumer products design	0.01 mass%	false	0.0000	
Lead/Lead Compounds			Batteries	0.004 mass% of battery	false	0.0000	
Mercury/Mercury Compounds			Batteries	Intentionally added or 0.001 mass%	false	0.0000	
Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)			All	Intentionally Added	false	0.0000	
Perchlorates			All	6 x 10 <sup>-7</sup> mass% of battery	false	0.0000	
Perfluorooctanoic acid and its sodium and ammonium salts			All	0.1 mass% of article	false	0.0000	
Polychlorinated Biphenyls (PCBs) and specific substitutes			All	Intentionally added	false	0.0000	
Polychlorinated Naphthalenes (PCNs)			All	Intentionally added	false	0.0000	
Radioactive substances			All	Intentionally added	false	0.0000	
Tri-substituted organostannic compounds			All	Intentionally added or 0.1 mass%	false	0.0000	
Zirconia Aluminosilicate Refractory Ceramic Fibres			All	0.1 mass% of article	false	0.0000	
	[Phthalato(2-)]dioxotriethylac	69011-06-9	All	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-42-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	68515-50-4	All	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	84777-06-0	All	0.1 mass% of article	false	0.0000	

1,2-bis(2-methoxyethoxy)	112-49-2	All	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	All	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	All	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	All	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	All	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	All	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	All	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-	15571-58-1	All	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)	140-66-9	All	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	All	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	All	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-,	168921-45-9	All	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]anthracene	56-55-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[def]chrysene	50-32-8	All	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[e]pyrene	192-97-2	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[j]fluoranthene	205-82-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	All	0.1 mass% in homogenou	false	0.0000
Beryllium Oxide	1304-56-9	All	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	All	0.1 mass% in homogenou	false	0.0000
Bis(2-methoxyethyl) ether	111-96-6	All	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phth	117-82-8	All	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	All	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	All	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	All	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	All	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	All	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	All	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Chrysen	218-01-9	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Cobalt dichloride	7646-79-9	All	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	All	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	All	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts of	0.00005 mass% of the pla	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Rubber or plastic parts th	0.0001 mass% of the plas	false	0.0000
Diboron trioxide	1303-86-2	All	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	All	0.1 mass% in homogenou	false	0.0000
Dibutyltin dichloride (DBT	683-18-1	All	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	All	0.1 mass% in homogenou	false	0.0000
Di-isodecyl phthalate (DID	68515-49-1, 267	All	Intentionally added	false	0.0000
Diisononyl phthalate (DINI	28553-12-0, 685	All	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	All	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	All	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	All	Intentionally added or 0.1	false	0.0000
Dioxobis(stearato)trilead	12578-12-0	All	0.1 mass% of article	false	0.0000
Dipentyl phthalate (DPP)	131-18-0	All	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	All	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	All	0.1 mass% of article	false	0.0000



Fatty acids, C16-18, lead s	91031-62-8	All	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	All	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	All	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	All	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	All	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	All	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	All	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	All	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	All	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	All	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	All	0.1 mass% of article	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	All	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	All	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	All	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	All	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	All	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	All	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	All	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	All	0.1 mass% of article	false	0.0000
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), bari	68784-75-8	All	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	All	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	All	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	All	0.1 mass% of article	false	0.0000
Trilead dioxide phosphonæ	12141-20-7	All	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	All	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	All	0.1 mass% of article	false	0.0000

Part ID	Description	# of Units	Part Mass %
Other Items 1	Other Items	1	91.98990

#### RoHS

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Exemption	Comments
			Cadmium/Cadmium compounds	All, except batteries	0.01 mass% of total Cr	false			
			Chromium (VI) Compounds	All	0.1 mass% of total Cr	false			
			Lead/Lead Compounds	All, except for batteries, c	0.1 mass% of total Pb	false			
			Mercury/Mercury Compounds	All, except batteries	Intentionally Added	o	false		
			Polybrominated Biphenyls	All	0.1 mass% in homoge	false			
			Polybrominated Diphenyls	All	0.1 mass% in homoge	false			

#### Low Halogen

Homogenous Material Name	Material Class ID	HM Mass %	Substance Group	Reportable Application	Reporting Threshold	Above Threshold? (T/F)	Substance Mass % of HM	Comments
			Brominated flame retardants	Printed wiring board laminates	0.09 mass% total bromine	false		
			Brominated flame retardants	Plastic materials except pigments	0.1 mass% of bromine	false		
			Chlorinated Flame Retardants	Plastic materials except pigments	0.1 mass% chlorine in flame	false		
			Chlorinated Flame Retardants	Printed Wiring Board (PWB)	0.09 mass% total chlorine	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
	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	false		
	Aluminosilicate Refractory Ceramic Fibres		All	0.1 mass% of article	false		
	Asbestos		All	Intentionally added	false		
	Cadmium/Cadmium compounds		Batteries	0.001% by weight of battery	false		
	Dibutyltin (DBT) compounds		All	0.1 mass% of tin in the package	false		
	Diocetyl tin (DOT) compounds		(a) textile and leather articles	0.1 mass% of tin in the package	false		
	Disodium tetraborates		All	0.1 mass% of article	false		
	Fluorinated Greenhouse Gases (PFC, SF6, HFC)		All	Intentionally Added	false		
	Hexabromocyclododecane (HBCDD) and all major diastereoisomers		All	Intentionally added or 0.1	false		
	Hexahydromethylphthalic anhydride		All	0.1 mass% of article	false		
	Lead/Lead Compounds		Consumer products designed for use in toys	0.01 mass%	false		
	Lead/Lead Compounds		Batteries	0.004 mass% of battery	false		
	Mercury/Mercury Compounds		Batteries	Intentionally added or 0.0	false		
	Ozone Depleting Substances (CFC, Halon, HBFC, HCFC & others)		All	Intentionally Added	false		
	Perchlorates		All	6 x 10 <sup>-7</sup> mass% of battery	false		
	Perfluorononane-1-oic acid and its sodium and ammonium salts		All	0.1 mass% of article	false		
	Polychlorinated Biphenyls (PCBs) and specific substitutes		All	Intentionally added	false		
	Polychlorinated Naphthalenes (PCNs)		All	Intentionally added	false		
	Radioactive substances		All	Intentionally added	false		
	Tri-substituted organostannic compounds		All	Intentionally added or 0.1	false		
	Zirconia Aluminosilicate Refractory Ceramic Fibres		All	0.1 mass% of article	false		
	[Phthalato(2-)]dioxotriacetate	69011-06-9	Heat stabilizer for plastic	0.1 mass% of article	false	0.0000	
	1,2-benzenedicarboxylic acid	68515-51-5, 686	Plasticisers, lubricants, ac	0.1 mass% of article	false	0.0000	
	1,2-Benzenedicarboxylic acid	71888-89-6	Plasticizer, dye, pigment,	0.1 mass% of article	false	0.0000	

1,2-Benzenedicarboxylic acid	68515-42-4	Plasticizer, dye, pigment, 0.1 mass% of article	false	0.0000	
1,2-Benzenedicarboxylic acid	68515-50-4	Used as a plasticizer for c	0.1 mass% of article	false	0.0000
1,2-Benzenedicarboxylic acid	84777-06-0	Plasticizer in plastic mate	0.1 mass% of article	false	0.0000
1,2-bis(2-methoxyethoxy)	112-49-2	Solvent may be used in b	0.1 mass% of article	false	0.0000
1,2-Diethoxyethane	629-14-1	Solvent used in electrolyt	0.1 mass% of article	false	0.0000
1,2-dimethoxyethane; eth	110-71-4	Solvent used in battery e	0.1 mass% of article	false	0.0000
1,3-propanesultone	1120-71-4	Electrolyte fluid of rechar	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4	36437-37-3	UV stabilizer	0.1 mass% of article	false	0.0000
2-(2H-benzotriazol-2-yl)-4,	25973-55-1	UV stabilizer	0.1 mass% of article	false	0.0000
2,4-di-tert-butyl-6-(5-chloro	3864-99-1	UV stabilizer	0.1 mass% of article	false	0.0000
2-benzotriazol-2-yl-4,6-di-	3846-71-7	UV-stabilizer in adhesives	Intentionally added or 0.1	false	0.0000
2-ethylhexyl 10-ethyl-4,4-i	15571-58-1	PVC stabilizer	0.1 mass% of article	false	0.0000
4-(1,1,3,3-tetramethylbutyl)	140-66-9	Unreacted process chemi	0.1 mass% of article	false	0.0000
4-Aminoazobenzene	60-09-3	Used as yellow pigment a	0.1 mass% of article	false	0.0000
Ammonium pentadecafluor	3825-26-1	APFO is used as an emuls	0.1 mass% of article	false	0.0000
Benzenamine, N-phenyl-, i	68921-45-9	Lubricating agent in motc	Intentionally added	false	0.0000
Benzo[a]anthracene	56-55-3	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Benzo[a]anthracene	56-55-3	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Benzo[a]pyrene	50-32-8	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Benzo[a]pyrene	50-32-8	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Benzo[b]fluoranthene	205-99-2	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Benzo[b]fluoranthene	205-99-2	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Benzo[def]chrysene	50-32-8	Impurities in carbon black	0.1 mass% of article	false	0.0000
Benzo[e]pyrene	192-97-2	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Benzo[e]pyrene	192-97-2	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Benzo[j]fluoranthene	205-82-3	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Benzo[k]fluoranthene	207-08-9	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Benzo[k]fluoranthene	207-08-9	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Benzyl butyl phthalate (BB	85-68-7	Plasticizer, dye, pigment, 0.1 mass% in homogenou	false	0.0000	
Beryllium Oxide	1304-56-9	Ceramics	0.1 mass%	false	0.0000
Bis(2-ethylhexyl)phthalat	117-81-7	Plasticizer, dye, pigment, 0.1 mass% in homogenou	false	0.0000	
Bis(2-methoxyethyl) ether	111-96-6	Electrolyte in lithium batt	0.1 mass% of article	false	0.0000
Bis(2-methoxyethyl) phthi	117-82-8	Plasticizer	0.1 mass% of article	false	0.0000
Bis(pentabromophenyl) et	1163-19-5	Flame retardant	0.1 mass% of article	false	0.0000
Bis(tributyltin) oxide (TBT	56-35-9	Antiseptic, antifungal age	Intentionally added or 0.1	false	0.0000
Boric Acid	10043-35-3, 111	In wood veneers/ pressec	0.1 mass% of article	false	0.0000
Cadmium	7440-43-9	Pigments, anti-corrosion	0.1 mass% of article	false	0.0000
Cadmium oxide	1306-19-0	Relay contact; photodi	0.1 mass% of article	false	0.0000
Cadmium sulphide	1306-23-6	Used in photo-resistors, s	0.1 mass% of article	false	0.0000
Chrysen	218-01-9	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Chrysen	218-01-9	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Cobalt dichloride	7646-79-9	Pneumatic panels to indic	0.1 mass% of article	false	0.0000
Diarsenic pentoxide	1303-28-2	Additive in wood, metal, i	0.1 mass% of article	false	0.0000
Diarsenic trioxide	1327-53-3	Additive in wood, metal, i	0.1 mass% of article	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Impurities in carbon black	0.0001 mass% of the plas	false	0.0000
Dibenzo[a,h]anthracene	53-70-3	Impurities in carbon black	0.00005 mass% of the pla	false	0.0000
Diboron trioxide	1303-86-2	Found in wood veneers, e	0.1 mass% of article	false	0.0000
Dibutyl phthalate (DBP)	84-74-2	Plasticizer, dye, pigment, 0.1 mass% in homogenou	false	0.0000	
Dibutyltin dichloride (DBT	683-18-1	Ingredient in some paint	0.1 mass% of article	false	0.0000
Diisobutyl phthalate	84-69-5	Plasticizer, dye, pigment, 0.1 mass% in homogenou	false	0.0000	
Diisodecyl phthalate (DID	68515-49-1, 267	Plasticizer, dye, pigment, Intentionally added	false	0.0000	
Diisononyl phthalate (DIN	28553-12-0, 685	Used as a plasticizer for P	Intentionally added	false	0.0000
Diisopentylphthalate	605-50-5	Plasticizer in plastic mate	0.1 mass% of article	false	0.0000
Dimethyl Fumarate (DMF)	624-49-7	Biocide, mold prevention	0.00001 mass% of the pa	false	0.0000
Di-n-hexyl Phthalate (DnH	84-75-3	Plasticizer, dye, pigment, Intentionally added or 0.1	false	0.0000	
Dioxobis(stearato)trilead	12578-12-0	Heat stabilizer for plastic	0.1 mass% of article	false	0.0000

Dipentyl phthalate (DPP)	131-18-0	Plasticizer in PVC and nitr	0.1 mass% of article	false	0.0000
Disodium 3,3'-[[1,1'-biphe	573-58-0	Dye for textiles and pape	0.1 mass% of article	false	0.0000
Disodium 4-amino-3-[[4'-[	1937-37-7	Used in ink for printers	0.1 mass% of article	false	0.0000
Fatty acids, C16-18, lead s	91031-62-8	Heat stabilizer for plastic	0.1 mass% of article	false	0.0000
Formaldehyde	50-00-0	Textiles	0.0075 mass % of textile	false	0.0000
Imidazolidine-2-thione; (2	96-45-7	used as a catalyst in some	0.1 mass% of article	false	0.0000
Lead chromate	7758-97-6	Colorant in plastics; Color	0.1 mass% of article	false	0.0000
Lead chromate molybdate	12656-85-8	Colorant in plastics; Color	0.1 mass% of article	false	0.0000
Lead cyanamidate	20837-86-9	Used in anticorrosion coa	0.1 mass% of article	false	0.0000
Lead dinitrate	10099-74-8	Heat stabilizer in nylon ar	0.1 mass% of article	false	0.0000
Lead oxide sulfate	12036-76-9	Heat stabilizer for PVC us	0.1 mass% of article	false	0.0000
Lead sulfochromate yellow	1344-37-2	Colorant in plastics; Color	0.1 mass% of article	false	0.0000
Lead titanium trioxide	12060-00-3	In piezoelectric compone	0.1 mass% of article	false	0.0000
Lead titanium zirconium o	12626-81-2	In piezoelectric compone	0.1 mass% of article	false	0.0000
N,N-dimethylformamide	68-12-2	Used as electrolyte in ele	0.1 mass% of article	false	0.0000
Nickel	7440-02-0	Stainless steel, plating; Ex	Intentionally Added	false	0.0000
N-pentyl-isopentylphthala	776297-69-9	Plasticizer in plastic mate	0.1 mass% of article	false	0.0000
Orange lead (lead tetroxid	1314-41-6	Used in rust-proof primer	0.1 mass% of article	false	0.0000
Pentadecafluorooctanoic ;	335-67-1	PFOA is used as an emuls	0.1 mass% of article	false	0.0000
Pentalead tetraoxide sulpl	12065-90-6	Heat stabilizer for plastic	0.1 mass% of article	false	0.0000
Pentazinc chromate octah	49663-84-5	Colorant	0.1 mass% of article	false	0.0000
Potassium hydroxyoctaoxi	11103-86-9	Paint, anti-corrosion	0.1 mass% of article	false	0.0000
Pyrochlore, antimony lead	8012-00-8	Used as yellow pigment fi	0.1 mass% of article	false	0.0000
reaction mass of 2-ethylhexyl	10-ethyl-4,4-	PVC stabilizer	0.1 mass% of article	false	0.0000
Silicic acid (H2Si2O5), bari	68784-75-8	Used in UV emitting light	0.1 mass% of article	false	0.0000
Strontium chromate	7789-06-2	Pigment; corrosion resist	0.1 mass% of article	false	0.0000
Sulfurous acid, lead salt, d	62229-08-7	Heat stabilizer for PVC, fo	0.1 mass% of article	false	0.0000
Tetralead trioxide sulphat	12202-17-4	Heat stabilizer for PVC, fo	0.1 mass% of article	false	0.0000
Trilead dioxide phosphon	12141-20-7	Heat stabilizer for PVC, fo	0.1 mass% of article	false	0.0000
Tris(2-chloroethyl)phosph	115-96-8	Flame retardant	0.1 mass% of article	false	0.0000
Trixylyl phosphate	25155-23-1	Used as a plasticizer for v	0.1 mass% of article	false	0.0000