

**Supplier Company Name :**

**Manufacturer Name :**

**Product Name :**

## List of Chemical substances

Substances List		Standard Limit	No use	Use	If used, please fill	
					Contain (ppm)	Purpose of use
<b>2A : Prohibited Substances [31 substances]</b>						
1	Cadmium and its compounds	< 100 ppm in homogeneous materials Use of cadmium in batteries under the condition indicated in "Attached Table 2A-2 Items for Prohibited of Use of Heavy Metals in Batteries".				
2	Hexavalent chromium compounds	<1,000 ppm in homogenous material				
3	Lead and its compounds	< 1,000 ppm in homogeneous materials < 300 ppm in the polyvinyl chloride resin covering of polyvinyl chloride cable. Use of Lead in batteries under the condition indicated in "Attached Table 2A-2 Items for Prohibited of Use of Heavy Metals in Batteries".				
4	Mercury and its compounds	Intentionally use <1,000 ppm in homogeneous materials				
5	Asbestos	Intentionally use				
6	Bis(Tributyltin) oxide (TBTO)	Intentionally use				
7	Dibutyltin (DBT) compounds	< 1,000 ppm in part				
8	Dioctyltin (DOT) compounds	< 1,000 ppm in part				
9	Tri-substituted organostannic compounds	Intentionally use < 1,000 ppm as impurity in part				
10	Polybrominated biphenyls (PBBs)	< 1,000 ppm in homogeneous materials				
11	Polybrominated diphenyl ethers (PBDEs)	Intentionally use < 1,000 ppm in homogeneous materials				
12	Hexabromocyclododecane (HBCDD)	Intentionally use < 100 ppm in part				
13	Polychlorinated biphenyls (PCBs) and specific substitutes	Intentionally use				
14	Polychlorinated terphenyls (PCTs)	< 50 ppm in homogeneous materials				
15	Polychlorinated naphthalenes	Intentionally use				
16	Alkanes, C10-13, Chloro (Short Chain Chlorinated Paraffins)	Intentionally use < 1,000 ppm in parts				
17	Perfluorooctane sulfonate (PFOS)	Intentionally use < 1,000 ppm as impurity in part < 1 µg/m <sup>2</sup> is contained in coated material				
18	Fluorinated greenhouse gases (PFC, SF6, HFC)	Intentionally use				
19	Ozone-depleting substances (CFC,Halon, HBFC,HCFC & others)	Intentionally use				
20	Azocolourants and azodyes which form certain aromatic amines	< 30 ppm by weight of the finished textile/leather product(Refer to attached Table 2A-1)				
21	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	Intentionally use				
22	Dimethyl fumarate (DMF)	< 0.1 ppm in part				
23	Polycyclic aromatic hydrocarbons (PAH)	< 1 ppm in rubber or plastic part				
24	Bis (2-ethylhexyl) phthalate (DEHP)	< 1,000 ppm in homogeneous material				
25	Dibutyl phthalate (DBP)	< 1,000 ppm in homogeneous material				
26	Benzyl butyl phthalate (BBP)	< 1,000 ppm in homogeneous material				
27	Diisobutyl phthalate (DIBP)	< 1,000 ppm in homogeneous material				
28	Phthalates Selected Group 1 (DEHP, DBP, BBP, DIBP)	< 1000 ppm as the sum of the phthalate concentrations in plasticized material				
29	Perfluorooctanoic acid (PFOA) and its salts	Intentionally use < 25 ppb (0.025 ppm) in part				
30	Perfluorooctanoic acid (PFOA)	Intentionally use < 1000ppb (1 ppm) in part				
31	Halogenated Flame Retardants	Intentionally use in enclosure & stand of electronic display				
<b>2B : Use-restricted substances [0 substance]</b>						
No relevant substance						
<b>2C : Controlled substances [111 substances]</b>						

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					Contain (ppm)	Purpose of use
1	Nickel/Nickel Compounds	Intentionally use				
2	Radioactive substances	Intentionally use				
3	Beryllium oxide (BeO)	< 1,000 ppm in parts				
4	Perchlorates	< 0.006 ppm in parts				
5	Brominated flame retardants (other than PBBs, PBDEs, or HBCDD)	< 1,000 ppm or less of total content of bromine in plastic material				
		< 900 ppm of bromine in a laminated printed wiring board				
6	Chlorinated flame retardants (CFR)	< 1,000 ppm of total content of chlorine in plastic material				
		< 900 ppm of chlorine in a laminated printed wiring board				
7	Polyvinyl chloride (PVC) and PVC Copolymers	< 1,000 ppm of total content of chlorine in plastic material				
8	Formaldehyde	< 0.0075 % (75ppm) of textile				
9	Phthalates, Select Group 2 (DIDP, DINP, DNOP)					
	Diisononyl phthalate (DINP)	< 1,000 ppm as a sum of DINP, DIDP, and DNOP in homogeneous materials				
	Diisodecyl phthalate (DIDP)					
	Di-n-octyl phthalate (DNOP)					
10	Diisononyl phthalate (DINP)	Intentionally use				
11	Diisodecyl phthalate (DIDP)	Intentionally use				
12	Di-n-hexyl phthalate (DnHP)	Intentionally use				
		< 1,000 ppm in parts				
13	4,4'-isopropylidenediphenol (Bisphenol A)	Unintentional use				
		< 1,000 ppm in parts				
14	Phenol, Isopropylated Phosphate(3:1) (PIP 3:1)	Intentionally use				
15	REACH Regulation Candidate List of substances of very high concern for Authorisation (SVSC)	< 1,000 ppm in parts				
16	Diarsenic pentoxide	< 1,000 ppm in parts				
17	Diarsenic trioxide	< 1,000 ppm in parts				
18	Cobalt dichloride (CoCl2)	< 1,000 ppm in parts				
19	Bis (2-ethylhexyl) phthalate (DEHP)	< 1,000 ppm in parts				
20	Dibutyl phthalate (DBP)	< 1,000 ppm in parts				
21	Benzylbutyl phthalate (BBP)	< 1,000 ppm in parts				
22	Diisobutyl phthalate (DIBP)	< 1,000 ppm in parts				
23	Lead chromate	< 1,000 ppm in parts				
24	Lead chromate molybdate sulphate red (C.I.Pigment Red 104)	< 1,000 ppm in parts				
25	Lead sulfochromate yellow (C.I.Pigment Yellow 34)	< 1,000 ppm in parts				
26	Aluminosilicate Refractory Ceramic Fibres	< 1,000 ppm in parts				
27	Zirconia Aluminosilicate Refractory Ceramic Fibres	< 1,000 ppm in parts				
28	Tris(2-chloroethyl) phosphate (TCEP)	< 1,000 ppm in parts				
29	Boric acid	< 1,000 ppm in parts				
30	Disodium tetraborates, anhydrous	< 1,000 ppm in parts				
31	Tetraboron disodium heptaoxide, hydrate	< 1,000 ppm in parts				
32	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	< 1,000 ppm in parts				
33	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	< 1,000 ppm in parts				
34	Strontium chromate	< 1,000 ppm in parts				
35	Pentazinc chromateoctahydroxide	< 1,000 ppm in parts				
36	Potassium hydroxyoctaoxidizincate dichromate	< 1,000 ppm in parts				
37	Bis(2-methoxyethyl) phthalate	< 1,000 ppm in parts				
38	Bis(2-methoxyethyl) ether	< 1,000 ppm in parts				
39	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	< 1,000 ppm in parts				
40	Diboron trioxide	< 1,000 ppm in parts				
41	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	< 1,000 ppm in parts				
42	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	< 1,000 ppm in parts				
43	Orange lead (lead tetroxide)	< 1,000 ppm in parts				
44	Lead oxide sulfate	< 1,000 ppm in parts				
45	Sulfurous acid, lead salt, dibasic	< 1,000 ppm in parts				
46	Tetralead trioxide sulphate	< 1,000 ppm in parts				
47	Pentalead tetraoxide sulphate	< 1,000 ppm in parts				
48	Lead dinitrate	< 1,000 ppm in parts				
49	Lead titanium trioxide	< 1,000 ppm in parts				
50	Lead titanium zirconium oxide	< 1,000 ppm in parts				
51	Trilead dioxide phosphonate	< 1,000 ppm in parts				
52	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped	< 1,000 ppm in parts				
53	Fatty acids, C16-18, lead salts	< 1,000 ppm in parts				
54	Dioxobis(stearato)trilead	< 1,000 ppm in parts				
55	Lead cyanamidate	< 1,000 ppm in parts				
56	[Phthalato(2-)]dioxotrilead	< 1,000 ppm in parts				
57	Pyrochlore, antimony lead yellow (C.I.Pigment yellow 41)	< 1,000 ppm in parts				
58	Dibutyltin dichloride (DBTC)	< 1,000 ppm in parts				
59	Diisopentyl phthalate (DIPP)	< 1,000 ppm in parts				
60	N-pentyl-isopentylphthalate	< 1,000 ppm in parts				
61	Hexahydromethylphthalic anhydride	< 1,000 ppm in parts				
62	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	< 1,000 ppm in parts				
63	1,2-Diethoxyethane	< 1,000 ppm in parts				
64	N,N-dimethylformamide	< 1,000 ppm in parts				
65	4-Aminoazobenzene	< 1,000 ppm in parts				
66	Cadmium	< 1,000 ppm in parts				
67	Cadmium oxide	< 1,000 ppm in parts				
68	Cadmium sulphide	< 1,000 ppm in parts				
69	Cadmium hydroxide	< 1,000 ppm in parts				
70	Dipentyl phthalate (DPP)	< 1,000 ppm in parts				
71	4-Nonylphenol, branched and linear, ethoxylated	< 1,000 ppm in parts				
72	Trixylyl Phosphate	< 1,000 ppm in parts				
73	Imidazolidine-2-thione, (2-imidazoline-2-thiol)	< 1,000 ppm in parts				

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74	Disodium 4-amino-3- [[4'-[(2,4 diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-	< 1,000 ppm in parts				
75	Disodium 3,3'-[[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I.	< 1,000 ppm in parts				
76	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DiHP)	< 1,000 ppm in parts				
77	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	< 1,000 ppm in parts				
78	2-ethylhexyl 10-ethyl-4,4-diethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	< 1,000 ppm in parts				
79	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-diethyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-	< 1,000 ppm in parts				
80	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters ormixed decyl and hexyl and octyl diesters	< 1,000 ppm in parts				
81	1,3-propanesultone	< 1,000 ppm in parts				
82	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	< 1,000 ppm in parts				
83	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	< 1,000 ppm in parts				
84	Perfluorononan-1-oi-c-acid and its sodium and ammonium salts	< 1,000 ppm in parts				
85	Benzo[def]chrysene (Benzo[a]pyrene)	< 1,000 ppm in parts				
86	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	< 1,000 ppm in parts				
87	Perfluorohexane-1-sulphonic acid and its salts	< 1,000 ppm in parts				
88	Chrysene	< 1,000 ppm in parts				
89	Benz[a]anthracene	< 1,000 ppm in parts				
90	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachrolopentacyclo[12.2.1.16.9.02.13.05.10]octadeca 7.15-	< 1,000 ppm in parts				
91	Benzo[ghi]perylene	< 1,000 ppm in parts				
92	Octamethylcyclotetrasiloxane	< 1,000 ppm in parts				
93	Decamethylcyclopentasiloxane	< 1,000 ppm in parts				
94	Dodecamethylcyclohexasiloxane	< 1,000 ppm in parts				
95	Disodium octaborate	< 1,000 ppm in parts				
96	Terphenyl, hydrogenated	< 1,000 ppm in parts				
97	Lead	< 1,000 ppm in parts Note : When use under the scope of 2A-No.3				
98	Dicyclohexyl phthalate	< 1,000 ppm in parts				
99	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	< 1,000 ppm in parts				
100	Benzo[k]fluoranthene	< 1,000 ppm in parts Note : When use under the scope of 2A-No.24 (Polycyclic aromatic hydrocarbons (PAHs) is prohibited.				
101	Fluoranthene	< 1,000 ppm in parts				
102	Phenanthrene	< 1,000 ppm in parts				
103	Pyrene	< 1,000 ppm in parts				
104	Tris(4-nonyphenyl, branched and linear) phosphite (TNPP) with >= 0.1% w/w of 4-nonylphenol, branched and linear (4NP)	< 1,000 ppm in parts				
105	Diisohexyl phthalate	< 1,000 ppm in parts				
106	Perfluorobutane sulfonic acid (PFBS) and its salts	< 1,000 ppm in parts				
107	Di-n-hexyl Phthalate (DnHP)	< 1,000 ppm in parts				
108	4,4'-isopropylidenediphenol	< 1,000 ppm in parts				
109	Dibutylbis(pentane-2,4-dionato-0,0')tin	< 1,000 ppm in parts				
110	Bis(2-(2-methoxyethoxy)ethyl)ether	< 1,000 ppm in parts				
111	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy)derivs., and any other stannane, dioctyl-, bis(fattyacyloxy) derivs. wherein C12 is the predominant carbonnumber of the fatty acyloxy moiety	< 1,000 ppm in parts				

**Remark :** Red Character = Added in this time and Group changed

**Name of Representative :** \_\_\_\_\_ **Signature :** \_\_\_\_\_

**Position :** \_\_\_\_\_ **Department : Laboratory** \_\_\_\_\_

**Date :** \_\_\_\_\_