Guarantee Letter of Chemical Substances Contained in "Product" (Part & Material)

Our company hereby guarantees that our product do not contained hazardous substances mentioned in the table below, which are delivered to your company (including your subsidiary/associated companies directly or via third parties).

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
2A : Prohibited Substances [29 substances]						
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 cadmium 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	Unintentional use				
		<1,000 ppm in homogeneous materials				
5	Asbestos	Unintentional use				
6	Bis(Tributyltin) oxide (TBTO)	Unintentional use				
		< 1,000 ppm as impurity in parts				
7	Dibutyltin (DBT) compounds	< 1,000 ppm in homogeneous materials				
8	Dioctyltin (DOT) compounds	< 1,000 ppm in in part				
9	Tri-substituted organostannic compounds	Unintentional use				
		< 1,000 ppm as impurity in homogeneous materials				
10	Polybrominated biphenyls (PBBs)	< 1,000 ppm in homogeneous materials				
11	Polybrominated diphenyl ethers (PBDEs)	Unintentional use				
		< 1,000 ppm in homogeneous materials				
12	Hexabromocyclododecane (HBCDD) and all major diastereoisomers	Unintentional use				
		< 100 ppm as impurity in homogeneous materials				
13	Polychlorinated biphenyls (PCBs) and specific substitutes	Unintentional use				
14	Polychlorinated terphenyls (PCTs)	< 50 ppm in homogeneous materials				
15	Polychlorinated naphthalenes (more than 3 chlorine atoms)	Unintentional use				
16	Alkanes, C10-13, Chloro (Short Chain Chlorinated Paraffins)	Unintentional use				
		< 1,000 ppm in parts				
17	Perfluorooctane sulfonate (PFOS)	Unintentional use				
		< 1,000 ppm as impurity in homogeneous materials				
		< 1 µg/m2 is contained in the textiles coated material				
18	Fluorinated greenhouse gases (PFC, SF6, HFC)	Unintentional use				
19	Ozone-depleting substances	Unintentional use				
20	Azocolourants and azodyes which form certain aromatic amines	< 30 ppm in Azo dyes/pigments that are in fabric products/ leather products and generate				
21	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	Unintentional use				
22	Dimethyl fumarate	< 0.1 ppm in				
23	Polycyclic aromatic hydrocarbons (PAHs)	< 1 ppm in pigments in rubber or plastic				
24	Bis (2-ethylhexyl) phthalate (DEHP)	< 1,000 ppm in homogeneous material under the scope of EU RoHS Directive				
25	Dibutyl phthalate (DBP)					
26	Benzyl butyl phthalate (BBP)					
27	Diisobutyl phthalate (DIBP)					
28	Perfluorooctanoic acid (PFOA) and its salts	Unintentional use				
		< 25 ppb (0.025 ppm)				
29	Perfluorooctanoic acid (PFOA)	Unintentional use				
		< 1000ppb (1 ppm)				
2B : Use-restricted substances [0 substance]						
No relevant substance						
2C : Controlled substances [100 substances]						
1	Nickel and Nickel Compounds	Unintentional use				
2	Radioactive substances	Unintentional use				

	Substances List	Standard Limit	No use	Use	If used, please fill	
					Contain (ppm)	Purpose of 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	< 1,000 ppm of total content of chlorine in plastic material < 900 ppm of chlorine in a laminated printed wiring board (total content in the laminated board)				
7	Polyvinyl chloride (PVC) and PVC Copolymers	< 1,000 ppm of total content of chlorine in plastic material				
8	Formaldehyde	Unintentional use in products made of wood (plyboards, particle boards, MDF) or parts made of wood Textile products containing formaldehyde of which concentration < 0.0075 % (75ppm) by mass				
9	**Specific phthalates;**	< 1,000 ppm as a sum of DINP, DIDP, and DNOP in homogeneous materials				
	Diisononyl phthalate (DINP)					
	Diisodecyl phthalate (DIDP)					
	Di-n-octyl phthalate (DNOP)					
10	Diisononyl phthalate (DINP)	Unintentional use				
11	Diisodecyl phthalate (DIDP)	Unintentional use				
12	Di-n-hexyl phthalate (DnHP)	Unintentional use < 1,000 ppm in parts				
13	4,4′-isopropylidenediphenol (Bisphenol A)	Unintentional use < 1,000 ppm in parts				
14	Diarsenic pentoxide	< 1,000 ppm in parts				
15	Diarsenic trioxide	< 1,000 ppm in parts				
16	Cobalt dichloride (CoCl2)	< 1,000 ppm in parts				
17	Bis (2-ethylhexyl) phthalate (DEHP)	< 1,000 ppm in parts				
18	Dibutyl phthalate (DBP)	< 1,000 ppm in parts				
19	Benzylbutyl phthalate (BBP)	< 1,000 ppm in parts				
20	Diisobutyl phthalate (DIBP)	< 1,000 ppm in parts				
21	Lead chromate	< 1,000 ppm in parts				
22	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	< 1,000 ppm in parts				
23	Lead sulfochromate yellow (C.I.Pigment Yellow 34)	< 1,000 ppm in parts				
24	Aluminosilicate Refractory Ceramic Fibres	< 1,000 ppm in parts				
25	Zirconia Aluminosilicate Refractory Ceramic Fibres	< 1,000 ppm in parts				
26	Tris(2-chloroethyl) phosphate (TCEP)	< 1,000 ppm in parts				
27	Boric acid	< 1,000 ppm in parts				
28	**Disodium tetraborates;**	< 1,000 ppm in parts				
	Disodium tetraborate, anhydrous					
	Disodium tetraborate, pentahydrate					
	Disodium tetraborate, decahydrate					
	Tetraboron disodium heptaoxide, hydrate					
29	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	< 1,000 ppm in parts				
30	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	< 1,000 ppm in parts				
31	Strontium chromate	< 1,000 ppm in parts				
32	Pentazinc chromateoctahydroxide	< 1,000 ppm in parts				
33	Potassium hydroxyoctaoxodizincate dichromatea	< 1,000 ppm in parts				
34	Bis(2-methoxyethyl) phthalate	< 1,000 ppm in parts				
35	Bis(2-methoxyethyl) ether	< 1,000 ppm in parts				
36	4-(1,1,3,3-tetramethylbutyl)phenol (4-tert-Octylphenol)	< 1,000 ppm in parts				
37	Diboron trioxide	< 1,000 ppm in parts				
38	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	< 1,000 ppm in parts				
39	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	< 1,000 ppm in parts				
40	Lead (II, IV) oxide	< 1,000 ppm in parts				
41	Lead oxide sulfate	< 1,000 ppm in parts				
42	Sulfurous acid, lead salt, dibasic	< 1,000 ppm in parts				
43	Tetralead trioxide sulfate (Lead sulfate)	< 1,000 ppm in parts				
44	Pentalead tetraoxide sulphat	< 1,000 ppm in parts				
45	Lead dinitrate	< 1,000 ppm in parts				
46	Lead titanium oxide	< 1,000 ppm in parts				
47	Lead titanium zirconium oxide	< 1,000 ppm in parts				
48	Trilead dioxide phosphonate	< 1,000 ppm in parts				
49	Silicic acid (H2Si2O5), barium salt (1:1., lead-doped	< 1,000 ppm in parts				
50	Fatty acids, C16-18, lead salts	< 1,000 ppm in parts				
51	Dioxobis(stearato)trilead	< 1,000 ppm in parts				
52	Lead cyanamidate	< 1,000 ppm in parts				
53	[Phthalato(2-)]dioxotrilead	< 1,000 ppm in parts				
54	Cadmium hydroxide	< 1,000 ppm in parts				
55	Pyrochlore, antimony lead yellow (C.I.Pigment yellow 41)	< 1,000 ppm in parts				
56	Dibutyltin dichloride (DBTC)	< 1,000 ppm in parts				
57	Diisopentylphthalate (DIPP)	< 1,000 ppm in parts				
58	N-pentyl-isopentylphthalate	< 1,000 ppm in parts				
59	Hexahydromethylphthalic anhydride	< 1,000 ppm in parts				
	Hexahydro-4-methylphthalic anhydride					
	Hexahydro-1-methylphthalic anhydride					
	Hexahydro-3-methylphthalic anhydride					
60	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	< 1,000 ppm in parts				
61	1,2-Diethoxyethane	< 1,000 ppm in parts				

	Substances List	Standard Limit	No use	Use	If used, please fill	
					Contain (ppm)	Purpose of use
62	N,N-dimethylformamide	< 1,000 ppm in parts				
63	4-Aminoazobenzene	< 1,000 ppm in parts				
64	Cadmium	< 1,000 ppm in parts				
65	Cadmium oxide	< 1,000 ppm in parts				
66	Cadmium sulfide	< 1,000 ppm in parts				
67	Dipentyl phthalate (DPP)	< 1,000 ppm in parts				
68	4-Nonylphenol, branched and linear, ethoxylated	< 1,000 ppm in parts				
69	Trixylyl Phosphate	< 1,000 ppm in parts				
70	Imidazolidine-2-thione, (2-imidazoline-2-thiol)	< 1,000 ppm in parts				
71	Disodium 4-amino-3- [[4'-[(2,4 diaminophenyl)azo] [1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo) naphthalene-2,7-disulphonate (C.I. Direct Black 38)	< 1,000 ppm in parts				
72	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	< 1,000 ppm in parts				
73	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear (DiHP)	< 1,000 ppm in parts				
74	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	< 1,000 ppm in parts				
75	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	< 1,000 ppm in parts				
76	Reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	< 1,000 ppm in parts				
77	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid,mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	< 1,000 ppm in parts				
78	1,3-propanesultone	< 1,000 ppm in parts				
79	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	< 1,000 ppm in parts				
80	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	< 1,000 ppm in parts				
81	Perfluorononan-1-oic-acid and its sodium and ammonium salts	< 1,000 ppm in parts				
82	Benzo[def]chrysene (Benzo[a]pyrene)	< 1,000 ppm in parts				
83	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	< 1,000 ppm in parts				
84	Perfluorohexanesulfonic acid and its salts	< 1,000 ppm in parts				
85	Cyrysene	< 1,000 ppm in parts				
86	Benzo[a]anthracene	< 1,000 ppm in parts				
87	Dodecachrolopentacyclo[12.2.1.16.9.02.13.05.10]octadeca 7.15-diene	< 1,000 ppm in parts				
88	Benzo[ghi]perylene	< 1,000 ppm in parts				
89	Octamethylcyclotetrasiloxane	< 1,000 ppm in parts				
90	Decamethylcyclopentasiloxane(D5)	< 1,000 ppm in parts				
91	Dodecamethylcyclohexasiloxane	< 1,000 ppm in parts				
92	Disodium octaborate	< 1,000 ppm in parts				
93	Terphenyl, hydrogenated	< 1,000 ppm in parts				
94	Lead	< 1,000 ppm in parts				
		Note : When use under the scope of 2A-No.3 (Lead and its compounds) is prohibited.				
95	Dicyclohexyl phthalate	< 1,000 ppm in parts				
96	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	< 1,000 ppm in parts				
97	Benzo[k]fluoranthene	< 1,000 ppm in parts				
		Note : When use under the scope of 2A-No.24 (Polycyclic aromatic hydrocarbons (PAHs) is prohibited.				
98	Fluoranthene	< 1,000 ppm in parts				
99	Phenanthrene	< 1,000 ppm in parts				
100	Pyrene	< 1,000 ppm in parts				

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

Name of Representative : **Signature :**

Position : **Department : Laboratory**

Date :

Company seal