Reach Certificate of Compliance

REACH CERTIFICATE OF COMPLIANCE – XMD Series

Company: Xmultiple Technologies, Inc., Address: 1060 Los Angeles Avenue, Simi Valley, CA 93065, Contact person: Paul Calderone, Title: Account Manager, e-mail: paul@xmultiple.com

This letter is to assure that the above-mentioned product(s) made from Xmultiple Technologies, Inc., **do not contain** any of the REACH Substances of Very High Concern (SVHC), as specified in the table below according to the Candidate list published by ECHA (European Chemical Agency).

The European Union issued a new Directive **2011/65/EU** on the Restriction of the use of certain Hazardous Substances in Electronics and Electronic Equipment (known as RoHS2). On January 12, 2017 the substance list has been increased to a total of 173 substances.

#	Substance Name	CAS #	SVHC Published Date
1	Anthracene	120-12-7	2008-10-28
2	4,4'- Diaminodiphenylmethane	101-77-9	2008-10-28
3	Dibutyl phthalate	84-74-2	2008-10-28
4	Cobalt dichloride	7646-79-9	2008-10-28
5	Diarsenic pentaoxide	1303-28-2	2008-10-28
6	Diarsenic trioxide	1327-53-3	2008-10-28
7	Sodium dichromate, dihydrate	10588-01-9	2008-10-28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008-10-28
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	2008-10-28
10	Hexabromocyclododecane (HBCDD)	3194-55-6	2008-10-28
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008-10-28
12	Bis(tributyltin) oxide,hexabutyldistannoxane	56-35-9	2008-10-28
13	Lead hydrogen arsenate	7784-40-9	2008-10-28
14	Triethyl arsenate	15606-95-8	2008-10-28
15	Benzyl butyl phthalate	85-68-7	2008-10-28

#	Substance Name	CAS #	Published Date
16	2,4-Dinitrotoluene	204-450-0	2010-1-13
17	Aluminosilicate Refractory Ceramic Fibres		2010-1-13
18	Anthracene oil	292-602-7	2010-1-13
19	Anthracene oil, anthracene paste	292-603-2	2010-1-13
20	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	2010-1-13
21	Anthracene oil, anthracene paste,distn. lights	295-278-5	2010-1-13
22	Anthracene oil, anthracene-low	292-604-8	2010-1-13
23	Diisobutyl phthalate	201-553-2	2010-1-13
24	Lead chromate	231-846-0	2010-1-13
25	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	2010-1-13
26	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	2010-1-13
27	Pitch, coal tar, high temp.	266-028-2	2010-1-13
28	Tris(2-chloroethyl)phosphate	204-118-5	2010-1-13
29	Zirconia Aluminosilicate Refractory Ceramic Fibres		2010-1-13
30	Acrylamide	79-06-1	2010-3-30
31	Trichloroethylene	79-01-6	2010-6-18
32	Boric acid	10043-35-3	2010-6-18
33	Disodium tetraborate, anhydrous	1330-43-4	2010-6-18
34	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010-6-18
35	Sodium chromate	7775-11-3	2010-6-18
36	Potassium chromate	7789-00-6	2010-6-18
37	Ammonium dichromate	7789-09-5	2010-6-18
38	Potassium dichromate	7778-50-9	2010-6-18
39	Cobalt Sulphate	10124-43-3	2011-12-1
40	Cobalt dinitrate	10141-05-6	2011-12-1
41	Cobalt carbonate	513-79-1	2011-12-1
42	Cobalt diacetate	71-48-7	2011-12-1
43	2-Methoxyethanol	109-86-4	2011-12-1
44	2-Ethoxyethanol	110-80-5	2011-12-1
45	Chronmium trioxide	1333-82-0	2011-12-1
46	Acids generated from chromium trioxide and their oligomers: Chromic Acid Dichromic acid	 7738-94-5 13530-68-2	2011-12-1

#	Substance Name	CAS #	Published Date
47	2-Ethoxyethyl acetate	203-839-2	2011-12-1
48	Strontium chromate	232-142-6	2011-12-1
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	271-084-6	2011-12-1
50	Hydrazine	206-114-9	2011-12-1
51	1-methyl-2-pyrrolidone	212-828-1	2011-12-1
52	1,2,3-trichloropropane	202-486-1	2011-12-1
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	276-158-1	2011-12-1
54	Dichromium tris(chromate)	24613-89-6	2011-12-1
55	Potassium hydroxyoctaoxodizincatedi-chromat e	11103-86-9	2011-12-1
56	Pentazinc chromate octahydroxide	49663-84-5	2011-12-1
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	2011-12-1
58	Bis(2-methoxyethyl) phthalate	117-82-8	2011-12-1
59	2-Methoxyaniline; o-Anisidine	90-04-0	2011-12-1
60	4-(1,1,3,3-tetramethylbutyl)phenol,(4-tert-Octylphenol)	140-66-9	2011-12-1
61	1,2-Dichloroethane	107-06-2	2011-12-1
62	Bis(2-methoxyethyl) ether	111-96-6	2011-12-1
63	Arsenic acid	7778-39-4	2011-12-1
64	Calcium arsenate	7778-44-1	2011-12-1
65	Trilead diarsenate	3687-31-8	2011-12-1
66	N,N-dimethylacetamide (DMAC)	127-19-5	2011-12-1
67	2,2'-dichloro-4,4'-methylenedianilin e (MOCA)	101-14-4	2011-12-1
68	Phenolphthalein	77-09-8	2011-12-1
69	Lead diazide, Lead azide	13424-46-9	2011-12-1
70	Lead styphnate	15245-44-0	2011-12-1
71	Lead dipicrate	6477-64-1	2011-12-1
72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2012-06-18
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	2012-06-18

#	Substance Name	CAS #	Published Date
74	Diboron trioxide	1303-86-2	2012-06-18
75	Formamide	75-12-7	2012-06-18
76	Lead(II) bis(methanesulfonate)	17570-76-2	2012-06-18
77	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	2012-06-18
78	β-TGIC(1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	59653-74-6	2012-06-18
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	2012-06-18
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	2012-06-18
81	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	2012-06-18
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	2012-06-18
83	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	2012-06-18
84	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	2012-06-18
85	Pyrochlore, antimony lead yellow	8012-00-8	2012/12/19
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	2012/12/19
87	Henicosafluoroundecanoic acid	2058-94-8	2012/12/19
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	2012/12/19
89	Cyclohexane-1,2-dicarboxylic anhydride cis-cyclohexane-1,2-dicarboxylic anhydride trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	2012/12/19
90	Dibutyltin dichloride (DBTC)	683-18-1	2012/12/19
91	Lead bis(tetrafluoroborate)	13814-96-5	2012/12/19
92	Lead dinitrate	10099-74-8	2012/12/19
93	Silicic acid, lead salt	11120-22-2	2012/12/19
94	4-Aminoazobenzene	60-09-3	2012/12/19
95	Lead titanium zirconium oxide	12626-81-2	2012/12/19
96	Lead monoxide (lead oxide)	1317-36-8	2012/12/19
97	o-Toluidine	95-53-4	2012/12/19

#	Substance Name	CAS #	Published Date
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012/12/19
99	Silicic acid (H2Si2O5), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	2012/12/19
100	Trilead bis(carbonate)dihydroxide	1319-46-6	2012/12/19
101	Furan	110-00-9	2012/12/19
102	N,N-dimethylformamide	68-12-2	2012/12/19
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	2012/12/19
104	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	2012/12/19
105	4,4'-methylenedi-o-toluidine	838-88-0	2012/12/19
106	Diethyl sulphate	64-67-5	2012/12/19
107	Dimethyl sulphate	77-78-1	2012/12/19
108	Lead oxide sulfate	12036-76-9	2012/12/19
109	Lead titanium trioxide	12060-00-3	2012/12/19
110	Acetic acid, lead salt, basic	51404-69-4	2012/12/19
111	[Phthalato(2-)]dioxotrilead	69011-06-9	2012/12/19
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012/12/19
113	N-methylacetamide	79-16-3	2012/12/19
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012/12/19
115	1,2-Diethoxyethane	629-14-1	2012/12/19
116	Tetralead trioxide sulphate	12202-17-4	2012/12/19
117	N-pentyl-isopentylphthalate	776287-69-9	2012/12/19
118	Dioxobis(stearato)trilead	12578-12-0	2012/12/19
119	Tetraethyllead	78-00-2	2012/12/19
120	Pentalead tetraoxide sulphate	276-745-2	
121	Pentacosafluorotridecanoic acid	72629-94-8	2012/12/19
122	Tricosafluorododecanoic acid	307-55-1	2012/12/19
123	Heptacosafluorotetradecanoic acid	376-06-7	2012/12/19
124	1-bromopropane (n-propyl bromide)	106-94-5	2012/12/19

#	Substance Name	CAS #	Published Date
125	Methoxyacetic acid	625-45-6	2012/12/19
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	2012/12/19
127	Methyloxirane (Propylene oxide)	75-56-9	2012/12/19
128	Trilead dioxide phosphonate	12141-20-7	2012/12/19
129	o-aminoazotoluene	97-56-3	2012/12/19
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012/12/19
131	4,4'-oxydianiline and its salts	101-80-4	2012/12/19
132	Orange lead (lead tetroxide)	1314-41-6	2012/12/19
133	Biphenyl-4-ylamine	92-67-1	2012/12/19
134	Diisopentylphthalate	605-50-5	2012/12/19
135	Fatty acids, C16-18, lead salts	91031-62-8	2012/12/19
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012/12/19
137	Sulfurous acid, lead salt, dibasic	62229-08-7	2012/12/19
138	Lead cyanamidate	20837-86-9	2012/12/19
139	Cadmium	7440-43-9	2013/6/20
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013/6/20
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013/6/20
142	Dipentyl phthalate (DPP)	131-18-0	2013/6/20
143	4-Nonylphenol, branched and linear, ethoxylated		2013/6/20
144	Cadmium oxide	1306-19-0	2013/6/20
145	Cadmium sulphide	1306-23-6	12/10/2013
146	Disodium3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminona phthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	12/10/2013
147	Disodium4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphe nyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulpho nate (C.I. Direct Black 38)	1937-37-7	12/10/2013
148	Dihexyl phthalate	84-75-3	12/10/2013
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	12/10/2013
150	Lead di(acetate)	301-04-2	12/10/2013
151	Trixylyl phosphate	25155-23-1	12/10/2013
152	Cadmium chloride	10108-64-2	6/16/2014
153	1,2-Benzenedicarboxylic acid, dihexyl ester,branched and linear	68515-50-4	6/16/2014
154	Sodium peroxometaborate	7632-04-4	6/16/2014
155	Sodium perborate; perboric acid, sodium salt		6/16/2014

#	Substance Name	CAS #	Published Date
156	Reaction mass of 2-ethylhexyl10-ethyl-4,4-dioctyl-7-oxo-8-oxa-35-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4	10124-35-4	12/17/2014
157	Cadmium sulphate	31119-53-6	12/17/2014
158	2-ethylhexyl 10-ethyl-4, 4-diotyl-7-oxo-80xa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	12/17/2014
159	-4,6-ditertpentylphenol (UV-328) (MDTP)	25973-55-1	12/17/2014
160	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (U-320)	3846-71-7	12/17/2014
161	Cadmium Fluoride	7790-79-6	12/17/2014
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters: 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and pctyl diesters with ≥0.3% of dihexyl phthalate (EC No. 201-559-5)	68515-51-5	6/15/2015
163	5-sec-butyl-2(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1-3-dioxane [1],5-sec-butyl-2(4,6-dimethylcycohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] covering any of the individual stereoisomers of [1] and	--	6/15/2015
164	1,3-Propanesultone	1120-71-4	12/17/2015
165	2,4-Di-tert-butyl-6-5-(5-chlorobenzotriazal-2-yl)phenol (UV-327)	3864-99-1	12/17/2015
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)phenol (UV-350)	36437-37-3	12/17/2015
167	Nitrobenzene	98-95-3	12/17/2015
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9-heptadecafluorononanoic acid)	375-95-1;21049-39-8;4149-60-4	12/17/2015
169	Benzo[def]chrysene (Benzo(a)pyrene	50-32-8	6/20/2016
170	4,4'-Isopropylidenediphenol (Bisphenol A)	80-05-7	1/12/2017
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	1/12/2017
172	p-(1,1-Dimethylpropyl)phenol	80-46-6	1/12/2017
173	4-Heptylphenol, branched and linear		1/12/2017

Name: Alan Pocrass Title : CEO Phone: 805-579-1100