



DEVELOPMENT COMPANY

201 South Mallory St.
P.O. Box 3529
Hampton, VA 23663
Phone (757) 723-0785
Fax (757) 722-1194
Email: sales@maida.com

Manufacturers of Ceramic Capacitors, Zinc Oxide Varistors and Thermistors
Established 1947

January 23, 2018

RE: Substances of Very High Concern (SVHC) Declaration

To Whom It May Concern:

To address questions of compliancy with European Union (EU) regulation no.1907/2006, also known as the REACH (Registration, Evaluation and Authorization of Chemicals) regulation, we claim Maida Development Company's products do not contain any of the 181 SVHC (Substances of Very High Concern) materials above the threshold of 0.1%.

SI No	Substance_Name	CAS_Number	Date of inclusion
1	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	2008/10/28
2	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008/10/28
3	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008/10/28
4	Anthracene	120-12-7	2008/10/28
5	Benzyl butyl phthalate (BBP)	85-68-7	2008/10/28
6	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	2008/10/28
7	Bis(tributyltin)oxide (TBTO)	56-35-9	2008/10/28
8	Diarsenic pentaoxide	1303-28-2	2008/10/28
9	Diarsenic trioxide	1327-53-3	2008/10/28
10	Dibutyl phthalate (DBP)	84-74-2	2008/10/28
11	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	2008/10/28
12	Lead hydrogen arsenate	7784-40-9	2008/10/28
13	Sodium dichromate	7789-12-0, 10588-01-9	2008/10/28
14	Triethyl arsenate	15606-95-8	2008/10/28
15	Cobalt dichloride	7646-79-9	2011/06/20
16	2,4-Dinitrotoluene	121-14-2	2010/01/13
17	Anthracene oil	90640-80-5	2010/01/13
18	Anthracene oil, anthracene paste	90640-81-6	2010/01/13
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010/01/13
20	Anthracene oil, anthracene paste, distn. lights	91995-17-4	2010/01/13
21	Anthracene oil, anthracene-low	90640-82-7	2010/01/13
22	Diisobutyl phthalate	84-69-5	2010/01/13

SI No	Substance_Name	CAS_Number	Date of inclusion
23	Lead chromate	7758-97-6	2010/01/13
24	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010/01/13
25	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010/01/13
26	Pitch, coal tar, high temp.	65996-93-2	2010/01/13
27	Tris(2-chloroethyl)phosphate	115-96-8	2010/01/13
28	Acrylamide	79-06-1	2010/03/30
29	Ammonium dichromate	2151163.0	2010/06/18
30	Boric acid	10043-35-3, 11113-50-1	2010/06/18
31	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	2010/06/18
32	Potassium chromate	7789-00-6	2010/06/18
33	Potassium dichromate	7778-50-9	2010/06/18
34	Sodium chromate	7775-11-3	2010/06/18
35	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010/06/18
36	Trichloroethylene	79-01-6	2010/06/18
37	2-Ethoxyethanol	110-80-5	2010/12/15
38	2-Methoxyethanol	109-86-4	2010/12/15
39	Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	7738-94-5, 13530-68-2	2010/12/15
40	Chromium trioxide	1333-82-0	2010/12/15
41	Cobalt(II) carbonate	513-79-1	2010/12/15
42	Cobalt(II) diacetate	71-48-7	2010/12/15
43	Cobalt(II) dinitrate	10141-05-6	2010/12/15
44	Cobalt(II) sulphate	10124-43-3	2010/12/15
45	1,2,3-Trichloropropane	96-18-4	2011/06/20
46	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011/06/20
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	2011/06/20
48	1-Methyl-2-pyrrolidone	872-50-4	2011/06/20
49	2-Ethoxyethyl acetate	111-15-9	2011/06/20
50	Hydrazine	302-01-2, 7803-57-8	2011/06/20
51	Strontium chromate	7789-06-2	2011/06/20
52	1,2-dichloroethane	107-06-2	2011/12/19
53	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	2011/12/19
54	2-Methoxyaniline; o-Anisidine	90-04-0	2011/12/19
55	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	2011/12/19
56	Aluminosilicate Refractory Ceramic Fibres		2011/12/19
57	Arsenic acid	7778-39-4	2011/12/19
58	Bis(2-methoxyethyl) ether	111-96-6	2011/12/19
59	Bis(2-methoxyethyl) phthalate	117-82-8	2011/12/19
60	Calcium arsenate	7778-44-1	2011/12/19
61	Dichromium tris(chromate)	24613-89-6	2011/12/19

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62	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	2011/12/19
63	Lead diazide, Lead azide	13424-46-9	2011/12/19
64	Lead dipicrate	6477-64-1	2011/12/19
65	Lead styphnate	15245-44-0	2011/12/19
66	N,N-dimethylacetamide	127-19-5	2011/12/19
67	Pentazinc chromate octahydroxide	49663-84-5	2011/12/19
68	Phenolphthalein	77-09-8	2011/12/19
69	Potassium hydroxyoctaoxidizincatedichromate	11103-86-9	2011/12/19
70	Trilead diarsenate	3687-31-8	2011/12/19
71	Zirconia Aluminosilicate Refractory Ceramic Fibres		2011/12/19
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
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	12/19/2012
86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	12/19/2012
87	Henicosfluoroundecanoic acid	2058-94-8	12/19/2012
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[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]</i>	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	12/19/2012
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3]	85-42-7, 13149-00-3, 14166-21-3	12/19/2012
90	Dibutyltin dichloride (DBTC)	683-18-1	12/19/2012
91	Lead bis(tetrafluoroborate)	13814-96-5	12/19/2012
92	Lead dinitrate	10099-74-8	12/19/2012
93	Silicic acid, lead salt	11120-22-2	12/19/2012
94	4-Aminoazobenzene	60-09-3	12/19/2012
95	Lead titanium zirconium oxide	12626-81-2	12/19/2012
96	Lead monoxide (lead oxide)	1317-36-8	12/19/2012

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97	o-Toluidine	95-53-4	12/19/2012
98	Methyloxirane (Propylene oxide)	75-56-9	12/19/2012
99	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	12/19/2012
100	Silicic acid (H ₂ Si ₂ O ₅), 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	12/19/2012
101	Trilead bis(carbonate)dihydroxide	1319-46-6	12/19/2012
102	Furan	110-00-9	12/19/2012
103	N,N-dimethylformamide	68-12-2	12/19/2012
104	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	12/19/2012
105	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]	-	12/19/2012
106	4,4'-methylenedi-o-toluidine	838-88-0	12/19/2012
107	Diethyl sulphate	64-67-5	12/19/2012
108	Dimethyl sulphate	77-78-1	12/19/2012
109	Lead oxide sulfate	12036-76-9	12/19/2012
110	Lead titanium trioxide	12060-00-3	12/19/2012
111	Acetic acid, lead salt, basic	51404-69-4	12/19/2012
112	[Phthalato(2-)]dioxotrilead	69011-06-9	12/19/2012
113	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	12/19/2012
114	N-methylacetamide	79-16-3	12/19/2012
115	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	12/19/2012
116	1,2-Diethoxyethane	629-14-1	12/19/2012
117	Tetralead trioxide sulphate	12202-17-4	12/19/2012
118	N-pentyl-isopentylphthalate	776297-69-9	12/19/2012
119	Dioxobis(stearato)trilead	12578-12-0	12/19/2012
120	Tetraethyllead	78-00-2	12/19/2012
121	Pentalead tetraoxide sulphate	12065-90-6	12/19/2012
122	Pentacosafuorotridecanoic acid	72629-94-8	12/19/2012
123	Tricosafuorododecanoic acid	307-55-1	12/19/2012
124	Heptacosafuorotetradecanoic acid	376-06-7	12/19/2012
125	1-bromopropane (n-propyl bromide)	106-94-5	12/19/2012
126	Methoxyacetic acid	625-45-6	12/19/2012
127	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	12/19/2012
128	Trilead dioxide phosphonate	12141-20-7	12/19/2012
129	o-aminoazotoluene	97-56-3	12/19/2012
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	12/19/2012
131	4,4'-oxydianiline and its salts	101-80-4	12/19/2012
132	Orange lead (lead tetroxide)	1314-41-6	12/19/2012
133	Biphenyl-4-ylamine	92-67-1	12/19/2012

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134	Diisopentylphthalate	605-50-5	12/19/2012
135	Fatty acids, C16-18, lead salts	91031-62-8	12/19/2012
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	12/19/2012
137	Sulfurous acid, lead salt, dibasic	62229-08-7	12/19/2012
138	Lead cyanamidate	20837-86-9	12/19/2012
139	Cadmium	7440-43-9	06/20/2013
140	Cadmium oxide	1306-19-0	06/20/2013
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	06/20/2013
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	06/20/2013
143	Dipentyl phthalate (DPP)	131-18-0	06/20/2013
144	4-Nonylphenol, branched and linear, ethoxylated	-----	06/20/2013
145	Cadmium sulphide	1306-23-6	12/16/2013
146	Dihexyl phthalate	84-75-3	12/16/2013
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	12/16/2013
148	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)	1937-37-7	12/16/2013
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	12/16/2013
150	Lead di(acetate)	301-04-2	12/16/2013
151	Trixylyl phosphate	25155-23-1	12/16/2013
152	Cadmium chloride	10108-64-2	06/16/2014
153	Sodium peroxometaborate	7632-04-4	06/16/2014
154	Sodium perborate; perboric acid, sodium salt	-----	06/16/2014
155	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	06/16/2014
156	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	2014/12/17
157	Cadmium sulphate	10124-36-4 31119-53-6	2014/12/17
158	Cadmium fluoride	7790-79-6	2014/12/17
159	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-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)		2014/12/17
160	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014/12/17

SI No	Substance_Name	CAS_Number	Date of inclusion
161	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014/12/17
162	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]		2015/06/15
163	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with $\geq 0.3\%$ of dihexyl phthalate (EC No. 201-559-5)	68515-51-5 68648-93-1	2015/06/15
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	2015/12/17
165	Nitrobenzene	98-95-3	2015/12/17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015/12/17
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-yl)phenol (UV-350)	3864-99-1	2015/12/17
168	1,3-propanesultone	1120-71-4	2015/12/17
169	Benzo[def]chrysene	50-32-8	2016/06/20
170	p-(1,1-dimethylpropyl)phenol (PTAP)	80-46-6	2017/01/12
171	4-heptylphenol, branched and linear (4-HPbl)		2017/01/12
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2	2017/01/12
173	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	2017/01/12
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	2017/06/15
175	Benz[a]anthracene	56-55-3, 1718-53-2	15/01/2018
176	Cadmium carbonate	513-78-0	15/01/2018
177	Cadmium hydroxide	21041-95-2	15/01/2018
178	Cadmium nitrate	10022-68-1, 10325-94-7	15/01/2018
179	Chrysene	218-01-9, 1719-03-5	15/01/2018
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene("Dechlorane Plus" TM)		15/01/2018
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)		15/01/2018

Maida Development Company's products also do not use any of the 61 Substances in REACH Annex XVII in the restricted conditions.

A handwritten signature in black ink that reads "Ty Stewart". The signature is written in a cursive style with a large, sweeping initial "T" and "S".

Ty Stewart
Vice President of Engineering
Hazardous Materials Coordinator