


Investigation of Substances of Very High Concern(SVHC)

Company Name	Multi-Inno Technology Co.,Ltd	Company's Seal 
Respondent	Javen	
(Title of Respondent)	Quality management	
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Product Name more than one product (if applicable)	All Multi-inno display products.	

SVHC List 1: 15 substances disclosed on 28th October 2008

*Please tick

No.	Candidate List	CAS No.	Contained	Not Contained
1	Dibutyl phthalate (DBP)	84-74-2		√
2	Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7		√
3	Benzylbutylphthalate (BBP)	85-68-7		√
4	Diarsenic pentaoxide	1303-28-2		√
5	Diarsenic trioxide	1327-53-3		√
6	Cobalt dichloride	7646-79-9		√
7	4,4'-Diaminodiphenylmethane (MDA)	101-77-9		√
8	Hexabromocyclododecane (HBCDD) and all major diastereoisomer identified	25637-99-4 3194-55-6 134237-50-6 134237-51		√
9	Anthracene	120-12-7		√
10	5-tert-butyl-2,4,6-trinitro-m-Xylene (musk xylene)	81-15-2		√
11	Triethyl arsenate	15606-95-8		√
12	Sodium dichromate	7789-12-0 10588-01-9		√
13	Alkanes C10-C13 chloro (Short chain chlorinated paraffins,SCCP)	85535-84-8		√
14	Bis (tributyltin) Oxide	56-35-9		√
15	Lead hydrogen arsenate	7784-40-9		√

SVHC List 2: 14 substances disclosed on 13th January 2010

16	Anthracene oil	90640-80-5		√
17	Anthracene oil, anthracene paste distillation lights	91995-17-4		√
18	Anthracene oil, anthracene paste anthracene fraction	91995-15-2		√
19	Anthracene oil, anthracene-low	90640-82-7		√
20	Anthracene oil, anthracene paste	90640-81-6		√
21	Pitch, coal tar, high temperature	65996-93-2		√
/	Aluminosilicate, Refractory Ceramic Fibres	/	/	/
/	Zirconia Aluminosilicate, Refractory Ceramic Fibers	/	/	/
22	2,4 Dinitrotoluene	121-14-2		√
23	Diisobutyl phthalate (DIBP)	84-69-5		√

24	Lead Chromate	7758-97-6		√
25	Lead Chromate molybdate sulphate red	12656-85-8		√
26	Lead sulfochromate yellow	1344-37-2		√
27	Tris (2-chloroethyl) phosphate	115-96-8		√

SVHC List 2: 1 substance disclosed on 30th March 2010

28	Acrylamide	79-06-1		√
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SVHC List 3: 8 substances disclosed on 18th June 2010

29	Trichloroethylene	79-01-6		√
30	Boric Acid	10043-35-3 11113-50-1		√
31	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3		√
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1		√
33	Sodium chromate	7775-11-3		√
34	Potassium chromate	7789-00-6		√
35	Ammonium dichromate	7789-09-5		√
36	Potassium dichromate	7778-50-9		√

SVHC List 4: 8 substances disclosed on 15th December 2010

37	Cobalt (II) sulphate	10124-43-3		√
38	Cobalt (II) dinitrate	10141-05-6		√
39	Cobalt (II) carbonate	513-79-1		√
40	Cobalt (II) diacetate	71-48-7		√
41	2-Methoxyethanol (EGME)	109-86-4		√
42	2-Ethoxyethanol (EGEE)	110-80-5		√
43	Chromium trioxide	1333-82-0		√
44	Acids generated from chromium trioxide and their oligomers -Chromic acid -Dichromic acid -Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 JAMP-SN-0071		√

SVHC List 5: 7 substances disclosed on 20th June 2011

45	2-Ethoxyethyl acetate (2-EEA)	111-15-9		√
46	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4		√
47	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters (DIHP)	71888-89-6		√
48	Hydrazine	302-01-2 7803-57-8		√
49	1-methyl-2-pyrrolidone	872-50-4		√
50	1,2,3-trichloropropane	96-18-4		√
51	Strontium chromate	7789-06-2		√

SVHC List 6: 20 substances disclosed on 19th December 2011

52	Lead dipicrate	6477-64-1		√
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53	Lead styphnate	15245-44-0		√
54	Lead diazide	13424-46-9		√
55	Phenolothalein	77-09-8		√
56	2,2'-Dichloro-4,4'-methylenedianiline (MOCA)	101-14-4		√
57	N,N-Dimethylacetamide (DMAC)	127-19-5		√
58	Trilead diarsenate	3687-31-8		√
59	Calcium arsenate	7778-44-1		√
60	Arsenic Acid	7778-39-4		√
61	Bis (2-methoxyethyl) ether	111-96-6		√
62	1,2-Dichloroethane	107-06-2		√
63	4-(1,13,3-tetramethylbutyl) phenol (4-tert-Octylphenol)	140-66-9		√
64	2-Methoxyaniline,o-Anisidine	90-04-0		√
65	Bis (2-methoxyethyl) phtalate (DMEP)	117-82-8		√
66	Formaldehyde, oligomeric reaction products with aniline (MDA)	25214-70-4		√
67	Pentazinc chromate octahydroxide	49663-84-5		√
68	Potassium hydroxyoctaoxidizincate dichromate	11103-86-9		√
69	Dichromium tris (chromate)	24613-89-6		√
70	Aluminosilicate, Refractory Ceramic Fibres	-		√
71	Zirconia Aluminosilicate, Refractory Ceramic Fibres	-		√

SVHC List 7: 13 substances disclosed on 18th June 2012

72	1,2-bis (2-methoxyethoxy) ethane (TEGDME;(triglyme))	112-49-2		√
73	1,2-dimethoxyethane; ethylen glycol dimethyl ether	110-71-4		√
74	(4,4'-bis(dimethylamino)-4"-methylamino) trityl alcohol	561-41-1		√
75	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8		√
76	[4-[4,4'-bis(dimethylamino) benzhydrylidene] cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9		√
77	[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		√
78	Diboron trioxide	1303-86-2		√
79	Formamide	75-12-7		√
80	Lead (II) bis (methanesulfonate)	17570-76-2		√
81	N,N,N',N',-tetramethyl -4,4'-methylenedianiline (Michler's base)	101-61-1		√
82	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9		√
83	α,α-Bis[4-(dimethylamino) phenyl]-4(phenyl amino) naphthalene-1-methanol (C.I.Solvent Blue 4)	6786-83-0		√
84	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		√

SVHC List 8: 54 substances disclosed on 19th December 2012

85	Bis (pentabromophenyl) ether (DecaBDE)	1163-19-5		√
86	Pentacosafuorotridecanoic acid	72629-94-8		√

87	Tricosafuorododecanoic acid	307-55-1		√
88	Henicosafuoroundecanoic acid	2058-94-8		√
89	Heptacosafuorotetradecanoic acid	376-06-7		√
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-		√
91	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	-		√
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3		√
93	Hexahydro-2-benzofuran-1,3-dione (HHPA), cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3		√
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9		√
95	Methoxy acetic acid	625-45-6		√
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0		√
97	Diisopentylphthalate	605-50-5		√
98	N-pentyl-isopentylphthalate	776297-69-9		√
99	1,2-Diethoxyethane	629-14-1		√
100	N,N-dimethylformamide; dimethyl formamide	68-12-2		√
101	Dibutyltin dichloride (DBT)	683-18-1		√
102	Acetic acid, lead salt, basic	51404-69-4		√
103	Trilead bis (carbonate) dihydroxide (basic lead carbonate)	1319-46-6		√
104	Lead oxide sulfate	12036-76-9		√
105	[Phthalato(2-)]dioxotrilead	69011-06-9		√
106	Dioxobis (stearato) trilead	12578-12-0		√
107	Fatty acids, C16-18, lead salts	91031-62-8		√
108	Lead bis (tetrafluoroborate)	13814-96-5		√
109	Lead cyanamidate	20837-86-9		√
110	Lead dinitrate	10099-74-8		√
111	Lead oxide (lead monoxide)	1317-36-8		√
112	Lead tetroxide (orange lead)	1314-41-6		√
113	Lead titanium trioxide	12060-00-3		√
114	Lead Titanium Zirconium Oxide	12626-81-2		√
115	Pentalead tetraoxide sulphate	12065-90-6		√
116	Pyrochlore, antimony lead yellow	8012-00-8		√
117	Silicic acid, barium salt, lead-doped	68784-75-8		√
118	Silicic acid, lead salt	11120-22-2		√
119	Sulfurous acid, lead salt, dibasic	62229-08-7		√
120	Tetraethyllead	78-00-2		√

121	Tetralead trioxide sulphate	12202-17-4		√
122	Trilead dioxide phosphonate	12141-20-7		√
123	Furan	110-00-9		√
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	75-56-9		√
125	Diethyl sulphate	64-67-5		√
126	Dimethyl sulphate	77-78-1		√
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2		√
128	Dinoseb	88-85-7		√
129	4,4'-methylenedi-o-toluidine	838-88-0		√
130	4,4'-oxydianiline and its salts	101-80-4		√
131	4-Aminoazobenzene; 4-Phenylazoaniline	60-09-3		√
132	4-methyl-m-phenylenediamine (2,4-toluene-diamine)	95-80-7		√
133	6-methoxy-m-toluidine (p-cresidine)	120-71-8		√
134	Biphenyl-4-ylamine	92-67-1		√
135	o-aminoazotoluene	97-56-3		√
136	o-Toluidine; 2-Aminotoluene	95-53-4		√
137	N-methylacetamide	79-16-3		√
138	1-bromopropane	106-94-5		√

SVHC List 9: 6 substances disclosed on 30th June 2013

139	Cadmium	7440-43-9		√
140	Cadmium oxide	1306-19-0		√
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1		√
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1		√
143	Dipentyl phthalate (DPP)	131-18-0		√
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues, which include any of the individual isomers and/or combinations thereof]	-		√

SVHC List 10: 7 substances disclosed on 16th December 2013

145	Cadmium sulphide	1306-23-6		√
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0		√
147	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	1937-37-7		√
148	Dihexan-1-yl phthalate	84-75-3		√
149	Ethylene Thiourea	96-45-7		√
150	Lead(II) acetate	301-04-2		√
151	Phenol, dimethyl-, phosphate (3:1)	25155-23-1		√

SVHC List 11: 4 substances disclosed on 16th June 2014

152	Cadmium chloride	10108-64-2		√
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153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4		√
154	Sodium peroxometaborate	7632-04-4		√
155	Sodium perborate; perboric acid, sodium salt	-		√

SVHC List 12: 6 substances disclosed on 17th December 2014

156	Cadmium fluoride	7790-79-6		√
157	Cadmium sulphate	10124-36-4 31119-53-6		√
158	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7		√
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1		√
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1		√
161	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)	-		√

SVHC List 13: 2 substances disclosed on 15th June 2015

162	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)	68515-51-5 68648-93-1		√
163	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 isomers of [1] and [2] or any combination thereof]	-		√

SVHC List 14: 5 substances disclosed on 17th December 2015

164	Nitrobenzene	98-95-3		√
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1		√
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3		√
167	1,3-propanesultone	1120-71-4		√
168	Perfluorononan-1-oic acid (2,2,3,3,4,4,5,5,6,6,7,7,8,8,9,9,9-heptafluorodecanoic acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4		√

SVHC List 15: 1 substance disclosed on 20th June 2016

169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8		√
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SVHC List 16: 4 substance disclosed on 12th January 2017

170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	80-05-7		√
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7		√
172	p-(1,1-dimethylpropyl)phenol	80-46-6		√
173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-		√

SVHC List 17: 1 substance disclosed on 7th July 2017

174	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	335-46-4		√
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SVHC List 18: 7 substance disclosed on 15th January 2018

175	Dechlorane Plus(TM) and reaction products of 1,3,4-thiadiazolidine-2,5-dithione	-		√
176	benz a anthracene	200-280-6		√
177	Cadmium nitrate	233-710-6		√
178	Cadmium carbonate	208-168-9		√
179	Cadmium hydroxide	244-168-5		√
180	Chrysene	205-923-4		√
181	Formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	335-46-4		√

SVHC List 19: 10 substance disclosed on 27th June 2018

182	Octamethyl cyclotetrasiloxane(D4)	556-67-2		√
183	Decamethylcyclopentasiloxane(D5)	541-02-6		√
184	Dodecamethylcyclohexasiloxane(D6)	540-97-6		√
185	Lead	7439-92-1		√
186	Disodium octaborate tetrahydrate	12008-41-2		√
187	Benzo [G,H,I] perylene	191-24-2		√
188	Hydrogenated terphenyls	61788-32-7		√
189	Ethylenediamine(EDA)	107-15-3		√
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)	552-30-7		√
191	Dicyclohexyl phthalate(DCHP)	84-61-7		√

SVHC List 20: 6 substance disclosed on 15th January 2019

192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6		√
193	Benzo[k]fluoranthene	207-08-9		√
194	Fluoranthene	206-44-0		√
195	Phenanthrene	85-01-8		√
196	Pyrene	129-00-0		√
197	1,7,7-trimethyl-3-(phenylmethylene)-bicyclo-[2.2.1]heptan-2-one	15087-24-8		√

SVHC List 21: 4 substance disclosed on 16th July 2019

198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-		√
199	2-methoxyethyl acetate	110-49-6		√
200	4-tert-butylphenol	98-54-4		√
201	Tris (4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-		√

SVHC List 22: 4 substance disclosed on 16th January 2020

202	Diisohexyl phthalate	71850-09-4		√
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1		√
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5		√
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-		√

SVHC List 23: 4 substance disclosed on 25th June 2020

206	1-vinylimidazole	1072-63-5		√
207	2-methylimidazole	693-98-1		√
208	Butyl 4-hydroxybenzoate	94-26-8		√
209	Dibutylbis(pentane-2,4-dionato-O,O)tin	22673-19-4		√

SVHC List 24: 2 substance disclosed on 19th January 2021

210	bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8		√
211	Diocetyl tin dilaurate, stannane, dioctyl-, bis(coco acyloxy) derivs., and any other stannane, dioctyl-, bis(fatty acyloxy) derivs. wherein C12 is the predominant carbon number of the fatty acyloxy moiety	-		√

SVHC List 25: 8 substance disclosed on 8th July 2021

212	1,4-dioxane	123-91-1		√
213	2,2-bis (bromomethyl) - 1,3-propanediol (BMP); Tbnpa; 2,3-dibromo-1-propanol (2,3-dbpa)	3296-90-0; 36483-57-5; 1522-92-5; 96-13-9		√
214	2-(4-tert-butylbenzyl) propanol and its stereoisomers	-		√
215	Bisphenol B (BPb)	77-40-7		√
216	Glutaraldehyde	111-30-8		√
217	Medium chain chlorinated paraffins (MCCP) (uvcb substance, consisting of more than 80% linear chloroalkanes with carbon chain length between C14 and C17)	-		√
218	Sodium borate	13840-56-7		√
219	Alkylphenols, whose carbon chain (C12 based, straight or branched) is mainly in the para position, including any single isomer or combination (PDDP)	-		√

SVHC List 26: 4 substance disclosed on 17th Jan. 2022

220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-		√
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1		√
222	S-(tricyclo(5.2.1.0 ^{2,6})deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8		√
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4		√

SVHC List 27: 1 substance disclosed on 11th Jun. 2022

224	N-(Hydroxymethyl) acrylamide	924-42-5		√
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SVHC List 28: 9 substances disclosed on 31st Jan. 2023

225	1,1'-[ethane-1,2-diylbisoxy]bis[2,4,6-tribromobenzene]	37853-59-1		√
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7		√
227	4,4'-sulphonyldiphenol	80-09-1		√
228	Barium diboron tetraoxide	13701-59-2		√
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-		√

230	Isobutyl 4-hydroxybenzoate	4247-02-3		√
231	Melamine	108-78-1		√
232	Perfluoroheptanoic acid and its salts	-		√
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-		√