

CERTIFICATE OF COMPLIANCE

To whom it may concern,

We have reviewed REACH Regulation [Regulation (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006] and regarding Substances of Very High Concern (SVHC's).

We hereby certify that all products supplied by Hongshang Heat Shrinkable Materials Co., Ltd do not contain any of the 211 SVHC's as per the **European Chemicals Agency's "Candidate List of Substances of Very High Concern for Authorization"** (updated Jan 2021) at levels above 0.1% weight by weight (w/w).

SVHC's detail information at website as follow,

http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp

Hong shang Heat Shrinkable Materials Co., Ltd

Signed by: 
Quality Assurance Department

Jan28, 2021 

REACH Candidate List of Substances of Very High Concern (SVHC)

No.	Substance Name	CAS Number	Date of Inclusion
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	-	2021/1/19
210	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	2021/1/19
209	Butyl 4-hydroxybenzoate	94-26-8	2020/6/25
208	Dibutylbis(pentane-2,4-dione to-o,o')tin	22673-19-4	2020/6/25
207	2-methylimidazole	693-98-1	2020/6/25
206	1-vinylimidazole	1072-63-5	2020/6/25
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	2020/01/16
204	Diisohexyl phthalate	71850-09-4	2020/01/16
203	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	2020/01/16
202	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	2020/01/16
201	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	2019/7/16
200	2-methoxyethyl acetate	110-49-6	2019/7/16
199	4-tert-butylphenol	98-54-4	2019/7/16
198	Tris(4-nonylphenyl, branched and linear)phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	2019/7/16
197	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	2019/1/15
196	Benzo[k]fluoranthene	207-08-9	2019/1/15
195	Fluoranthene	206-44-0	2019/1/15
194	Phenanthrene	85-01-8	2019/1/15
193	Pyrene	129-00-0	2019/1/15
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	2019/1/15
191	Octamethylcyclotetrasiloxane (D4)	556-67-2	2018/6/27
190	Decamethylcyclopentasiloxane (D5)	541-02-6	2018/6/27
189	Dodecamethylcyclohexasiloxane (D6)	540-97-6	2018/6/27
188	Lead	7439-92-1	2018/6/27
187	Disodium octaborate	12008-41-2	2018/6/27
186	Benzo[ghi]perylene	191-24-2	2018/6/27
185	Terphenyl, hydrogenated	61788-32-7	2018/6/27
184	Ethylenediamine	107-15-3	2018/6/27
183	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (TMA)	552-30-7	2018/6/27
182	Dicyclohexyl phthalate (DCHP)	84-61-7	2018/6/27

181	Dechlorane Plus(TM) and reaction products of 1,3,4-thiadiazolidine-2,5-dithione	-	2018/1/15
180	Benz[a]anthracene	200-280-6	2018/1/15
179	Cadmium nitrate	233-710-6	2018/1/15
178	Cadmium carbonate	208-168-9	2018/1/15
177	Cadmium hydroxide	244-168-5	2018/1/15
176	Chrysene	205-923-4	2018/1/15
175	Formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with \geq 0.1% w/w 4-heptylphenol, branched and linear]	-	2018/1/15
174	Perfluorohexane-1-sulphonic acid and its salts	-	2017/7/7
173	4,4'-isopropylidenediphenol	80-05-7	2017/1/12
172	4-Heptylphenol, branched and linear	-	2017/1/12
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts Nonadecafluorodecanoic acid Ammonium nonadecafluorodecanoate Decanoic acid, nonadecafluoro-, sodium salt	335-76-2 3108-42-7 3830-45-3	2017/1/12
170	p-(1,1-dimethylpropyl)phenol	80-46-6	2017/1/12
169	Benzo[def]chrysene	50-32-8	2016/06/20
168	1,3-propanesultone	1120-71-4	2015/12/17
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	2015/12/17
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	2015/12/17
165	Nitrobenzene	98-95-3	2015/12/17
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	2015/12/17
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
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
161	Bis(2-ethylhexyl) phthalate (DEHP)	117-81-7	2014/12/17; 2008/10/28
160	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	2014/12/17
159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	2014/12/17

158	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4stannatetradecanoate (reaction mass of DOTE and MOTE)	-	2014/12/17
157	Cadmium fluoride	7790-79-6	2014/12/17
156	Cadmium sulphate	10124-36-4 31119-53-6	2014/12/17
155	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4stannatetradecanoate (DOTE)	15571-58-1	2014/12/17
154	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	2014/06/16
153	Cadmium chloride	10108-64-2	2014/06/16
152	Sodium peroxometaborate	7632-04-4	2014/06/16
151	Sodium perborate; perboric acid, sodium salt	-	2014/06/16
150	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	2013/12/16
149	Trixylyl phosphate	25155-23-1	2013/12/16
148	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	2013/12/16
147	Cadmium sulphide	1306-23-6	2013/12/16
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013/12/16
145	Lead146 di(acetate)	301-04-2	2013/12/16
144	Dihexyl phthalate	84-75-3	2013/12/16
143	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013/06/20
142	Cadmium oxide	1306-19-0	2013/06/20
141	4-Nonylphenol, branched and linear, ethoxylated <i>[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]</i>	-	2013/06/20
140	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013/06/20
139	Dipentyl phthalate (DPP)	131-18-0	2013/06/20
138	Cadmium	7440-43-9	2013/06/20
137	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3]	25550-51-0 19438-60-9 48122-14-1	2012/12/19

	and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry	57110-29-9	
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	2012/12/19
135	6-methoxy-m-toluidine (p-cresidine)	120-71-8	2012/12/19
134	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	2012/12/19
133	Pentalead tetraoxide sulphate	12065-90-6	2012/12/19
132	Silicic acid, lead salt	11120-22-2	2012/12/19
131	4,4'-oxydianiline and its salts	101-80-4	2012/12/19
130	1-bromopropane (n-propyl bromide)	106-94-5	2012/12/19
129	Furan	110-00-9	2012/12/19
128	Lead bis(tetrafluoroborate)	13814-96-5	2012/12/19
127	Diethyl sulphate	64-67-5	2012/12/19
126	N-pentyl-isopentylphthalate	776297-69-9	2012/12/19
125	o-aminoazotoluene	97-56-3	2012/12/19
124	Lead cyanamidate	20837-86-9	2012/12/19
123	Tetralead trioxide sulphate	12202-17-4	2012/12/19
122	o-Toluidine	95-53-4	2012/12/19
121	Dioxobis(stearato)trilead	12578-12-0	2012/12/19
120	Silicic acid (H_2SiO_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	2012/12/19
119	4,4'-methylenedi-o-toluidine	838-88-0	2012/12/19
118	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	2012/12/19
117	N,N-dimethylformamide	68-12-2	2012/12/19
116	4-Aminoazobenzene	60-09-3	2012/12/19
115	N-methylacetamide	79-16-3	2012/12/19
114	Heptacosafuorotetradecanoic acid	376-06-7	2012/12/19
113	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012/12/19
112	Pentacosafuorotridecanoic acid	72629-94-8	2012/12/19
111	Tetraethyllead	78-00-2	2012/12/19
110	Trilead dioxide phosphonate	12141-20-7	2012/12/19
109	Lead monoxide (lead oxide)	1317-36-8	2012/12/19

108	Acetic acid, lead salt, basic	51404-69-4	2012/12/19
107	Dibutyltin dichloride (DBTC)	683-18-1	2012/12/19
106	Lead dinitrate	10099-74-8	2012/12/19
105	Methoxyacetic acid	625-45-6	2012/12/19
104	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>[covering well defined substances and UVCB substances, polymers and homologues]</i>	-	2012/12/19
103	Pyrochlore, antimony lead yellow	8012-00-8	2012/12/19
102	Lead titanium trioxide	12060-00-3	2012/12/19
101	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	2012/12/19
100	Methyloxirane (Propylene oxide)	75-56-9	2012/12/19
99	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] <i>[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]</i>	85-42-7 13149-00-3 14166-21-3	2012/12/19
98	Fatty acids, C16-18, lead salts	91031-62-8	2012/12/19
97	Dimethyl sulphate	77-78-1	2012/12/19
96	4-Nonylphenol, branched and linear <i>[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]</i>	-	2012/12/19
95	Biphenyl-4-ylamine	92-67-1	2012/12/19
94	1,2-Diethoxyethane	629-14-1	2012/12/19
93	Sulfurous acid, lead salt, dibasic	62229-08-7	2012/12/19
92	[Phthalato(2-)]dioxotrilead	69011-06-9	2012/12/19
91	Tricosafuorododecanoic acid	307-55-1	2012/12/19
90	Lead oxide sulfate	12036-76-9	2012/12/19
89	Diisopentylphthalate	605-50-5	2012/12/19
88	Orange lead (lead tetroxide)	1314-41-6	2012/12/19
87	Lead titanium zirconium oxide	12626-81-2	2012/12/19
86	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	2012/12/19
85	Henicosafuoroundecanoic acid	2058-94-8	2012/12/19
84	Trilead bis(carbonate)dihydroxide	1319-46-6	2012/12/19
83	For84mamide	75-12-7	2012/06/18
82	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	2012/06/18
81	α,α -Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1methanol	6786-83-0	2012/06/18

	(C.I. Solvent Blue 4) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]		
80	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β-TGIC)	59653-74-6	2012/06/18
79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	2012/06/18
78	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	2451-62-9	2012/06/18
77	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	2012/06/18
76	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202959-2)]	2580-56-5	2012/06/18
75	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	548-62-9	2012/06/18
74	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	2012/06/18
73	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with ≥ 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	561-41-1	2012/06/18
72	Lead(II) bis(methanesulfonate)	17570-76-2	2012/06/18
71	Diboron trioxide	1303-86-2	2012/06/18
70	Lead diazide, Lead azide	13424-46-9	2011/12/19
69	Calcium arsenate	7778-44-1	2011/12/19
68	Bis(2-methoxyethyl) phthalate	117-82-8	2011/12/19
67	Arsenic acid	7778-39-4	2011/12/19
66	Lead dipicrate	6477-64-1	2011/12/19
65	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	2011/12/19
64	Phenolphthalein	77-09-8	2011/12/19
63	Bis(2-methoxyethyl) ether	111-96-6	2011/12/19
62	Pentazinc chromate octahydroxide	49663-84-5	2011/12/19
61	Zirconia Aluminosilicate Refractory Ceramic Fibres<i> are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and	-	2011/12/19

	zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm). c) alkali oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight		
60	Trilead diarsenate	3687-31-8	2011/12/19
59	Dichromium tris(chromate)	24613-89-6	2011/12/19
58	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	2011/12/19
57	1,2-dichloroethane	107-06-2	2011/12/19
56	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	2011/12/19
55	Lead styphnate	15245-44-0	2011/12/19
54	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	2011/12/19
53	2-Methoxyaniline; o-Anisidine	90-04-0	2011/12/19
52	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (μm) c) alkaline oxide and alkali earth oxide ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight	-	2011/12/19
51	N,N-dimethylacetamide	127-19-5	2011/12/19
50	Cobalt dichloride	7646-79-9	2011/06/20 - 2008/10/28
49	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	2011/06/20
48	Strontium chromate	7789-06-2	2011/06/20
47	2-Ethoxyethyl acetate	111-15-9	2011/06/20
46	1,2,3-Trichloropropane	96-18-4	2011/06/20
45	Hydrazine	302-01-2 7803-57-8	2011/06/20
44	1-Methyl-2-pyrrolidone	872-50-4	2011/06/20
43	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	2011/06/20
42	Acids generated from chromium trioxide and their oligomers. Names of the acids and their oligomers: Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid.	7738-94-5 13530-68-2	2010/12/15

41	2-Ethoxyethanol	110-80-5	2010/12/15
40	Cobalt(II) diacetate	71-48-7	2010/12/15
39	2-Methoxyethanol	109-86-4	2010/12/15
38	Chromium trioxide	1333-82-0	2010/12/15
37	Cobalt(II) sulphate	10124-43-3	2010/12/15
36	Cobalt(II) carbonate	513-79-1	2010/12/15
35	Cobalt(II) dinitrate	10141-05-6	2010/12/15
34	Potassium chromate	7789-00-6	2010/06/18
33	Ammonium dichromate	7789-09-5	2010/06/18
32	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	2010/06/18
31	Sodium chromate	7775-11-3	2010/06/18
30	Potassium dichromate	7778-50-9	2010/06/18
29	Boric acid	10043-35-3 11113-50-1	2010/06/18
28	Trichloroethylene	79-01-6	2010/06/18
27	Tetraboron disodium heptaoxide, hydrate	12267-73-1	2010/06/18
26	Acrylamide	79-06-1	2010/03/30
25	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	2010/01/13
24	Anthracene oil, anthracene-low	90640-82-7	2010/01/13
23	Diisobutyl phthalate	84-69-5	2010/01/13
22	Anthracene oil, anthracene paste	90640-81-6	2010/01/13
21	Tris(2-chloroethyl)phosphate	115-96-8	2010/01/13
20	Lead chromate	7758-97-6	2010/01/13
19	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	2010/01/13
18	Pitch, coal tar, high temp.	65996-93-2	2010/01/13
17	Anthracene oil, anthracene paste, distn. lights	91995-17-4	2010/01/13
16	Anthracene oil	90640-80-5	2010/01/13
15	2,4-Dinitrotoluene	121-14-2	2010/01/13
14	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	2010/01/13
13	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	2008/10/28
12	Lead hydrogen arsenate	7784-40-9	2008/10/28
11	Bis(tributyltin)oxide (TBTO)	56-35-9	2008/10/28
10	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	2008/10/28

9	Sodium dichromate	7789-12-0 10588-01-9	2008/10/28
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	2008/10/28
7	Benzyl butyl phthalate (BBP)	85-68-7	2008/10/28
6	Diarsenic trioxide	1327-53-3	2008/10/28
5	Triethyl arsenate	15606-95-8	2008/10/28
4	Diarsenic pentaoxide	1303-28-2	2008/10/28
3	Anthracene	120-12-7	2008/10/28
2	Dibutyl phthalate (DBP)	84-74-2	2008/10/28
1	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