



CERTIFICATE OF COMPLIANCE

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This letter is to confirmation that the product(s)/material(s) listed above comply with the REACH 0.1% limit for any of the current 247 REACH Substances of Very High Concern (SVHC) as specified in the Candidate list published by ECHA (European Chemical Agency). If any substances are used greater than the 0.1% limit, please note at the end of this confirmation.

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

No	Substance Name	CAS Number	Date of inclusion
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
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

No	Substance Name	CAS Number	Date of inclusion
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

No	Substance Name	CAS Number	Date of inclusion
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

No	Substance Name	CAS Number	Date of inclusion
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

No	Substance Name	CAS Number	Date of inclusion
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
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 hydroxyoctaoxodizincatedichromate	11103-86-9	2011/12/19
70	Trilead diarsenate	3687-31-8	2011/12/19
71	Zirconia Aluminosilicate Refractory Ceramic Fibres		2011/12/19

No	Substance Name	CAS Number	Date of inclusion
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
No	Substance Name	CAS Number	Date of inclusion
85	Pyrochlore, antimony lead yellow	8012-00-8	2012/12/19
86	6-methoxy-m-toluidine (p-cresidine)	120-70-8	2012/12/19
87	Henicosafuoroundecanoic 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] <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	2012/12/19
89	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
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
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	2012/12/19
99	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped <i>[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]</i>	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 <i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>	-	2012/12/19
104	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
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 sulphate	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	776297-69-9	2012/12/19
118	Dioxobis(stearate)trilead	12578-12-0	2012/12/19
119	Tetraethyllead	78-00-2	2012/12/19
120	Pentalead tetraoxide sulphate	12065-90-6	2012/12/19
121	Pentacosafuorotridecanoic acid	72629-94-8	2012/12/19
122	Tricosafluorododecanoic acid	307-55-1	2012/12/19
123	Heptacosofluorotetradecanoic acid	376-06-7	2012/12/19
124	1-bromopropane (n-propyl bromide)	106-94-5	2012/12/19
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	95-56-3	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 tetraoxide)	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
No	Substance Name	CAS Number	Date of inclusion
139	Cadmium	7440-43-9	2013/06/20
140	Cadmium oxide	1306-19-0	2013/06/20
141	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	2013/06/20
142	Pentadecafluorooctanoic acid (PFOA)	335-67-1	2013/06/20
143	Dipentyl phthalate (DPP)	131-18-0	2013/06/20
144	4-Nonylphenol, branched and linear, ethoxylated (substance 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)	-	2013/06/20

No	Substance Name	CAS Number	Date of inclusion
145	Cadmium sulphide	1306-23-6	2013-10-17
146	Diethyl phthalate	84-75-3	2013-10-17
147	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	2013-10-17
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	2013-10-17
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	2013-10-17
150	Lead di(acetate)	301-04-2	2013-10-17
151	Triethyl phosphate	25155-23-1	2013-10-17
No	Substance Name	CAS Number	Date of inclusion
152	Cadmium chloride	10108-64-2	2014-06-17
153	1,2-benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	2014-06-17
154	Sodium peroxometaborate	7632-4-4	2014-06-17
155	Sodium perborate; perboric acid, sodium salt	-	2014-06-17
No	Substance Name	CAS Number	Date of inclusion
156	Cadmium fluoride	7790-79-6	2014-12-17
157	Cadmium sulphate	10124-36-4 31119-53-6	2014-12-17
158	2-Benzotriazol-2-yl-4,6-di-tert-butylphenol(UV-320)	3846-71-7	2014-12-17
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol(UV-328)	25973-55-1	2014-12-17
160	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	2014-12-17
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)oxyl-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(Reaction mass of NOTE and MOTE)	-	2014-12-17
No	Substance Name	CAS Number	Date of inclusion
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 diethyl phthalate (EC No. 201-559-5)	68515-51-5; 68648-93-1	2015/06/15
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 stereoisomers of [1] and [2] or any combination thereof]		2015/06/15
No	Substance Name	CAS Number	Date of inclusion
164	Nitrobenzene	98-95-3	2015/12/17
165	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
167	1,3-propanesultone	1120-71-4	2015/12/17
168	Perfluorooctanoic acid and its sodium and ammonium salts	375-95-1;	2015/12/17

		20149-39-8; 4149-60-4	
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No	Substance Name	CAS Number	Date of inclusion
169	Benzo[def]chrysene (Benzo[a]pyrene)	50-32-8	6-20-2016
No	Substance Name	CAS Number	Date of inclusion
170	4,4'-Isopropylidenediphenol (Bisphenol A; BPA)	80-05-7	1-12-2017
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	335-76-2 3830-45-3 3108-42-7	1-12-2017
172	p-(1,1-dimethylpropyl)phenol	80-46-6	1-12-2017
173	4-heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominately in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof).	-	1-12-2017

No	Substance Name	CAS Number	Date of inclusion
174	Perfluorohexane-1-sulfonic acid and its salts (PFHxS)		7-7-2017

No	Substance Name	CAS Number	Date of inclusion
175	Chrysene	218-01-9	1-15-2018
176	Benz[a]anthracene	56-55-3	1-15-2018
177	Cadmium nitrate	10325-94-7	1-15-2018
178	Cadmium hydroxide	21041-95-2	1-15-2018
179	Cadmium carbonate	513-78-0	1-15-2018
180	1,6,7,8,9,14,15,16,17,17,18,18-Dodecachloropentacyclo[12.2.1.1.1 ^{6,9} .0 ^{2,13} .05 ¹⁰] octadeca-7,15-diene ("Dechlorane Plus" TM) [covering any of its individual anti- and syn-isomers or any combination thereof]	----	1-15-2018
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branches and linear]	----	1-15-2018

No	Substance Name	CAS Number	Date of inclusion
182	Octamethylcyclotetrasiloxane (D4)	556-67-2	6-27-2018
183	Decamethylcyclopentasiloxane (D5)	541-02-6	6-27-2018
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6	6-27-2018
185	Lead	7439-92-1	6-27-2018
186	Disodium octaborate	12008-41-2	6-27-2018
187	Benzo[ghi]perylene	191-24-2	6-27-2018
188	Terphenyl hydrogenated	61788-32-7	6-27-2018
189	Ethylenediamine (EDA)	107-15-3	6-27-2018
190	Benzene-1,2,4-tricarboxylic acid-1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7	6-27-2018

191	Dicyclohexyl phthalate (DCHP)	84-61-7	6-27-2018
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No	Substance Name	CAS Number	Date of inclusion
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	1-15-2019
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	1-15-2019
194	Benzo[k]fluoranthene	207-08-9	1-15-2019
195	Fluoranthene	206-44-0; 93951-69-0	1-15-2019
196	Phenanthrene	85-01-8	1-15-2019
197	Pyrene	129-00-0; 1718-52-1	1-15-2019

No	Substance Name	CAS Number	Date of inclusion
198	2-Methoxyethyl acetate	110-49-6	7-16-2019
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq$ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP).	--	7-16-2019
200	2,3,3,3-Tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	--	7-16-2019
201	4-tert-butylphenol	98-54-4	7-16-2019

No	Substance Name	CAS Number	Date of inclusion
202	Diisohexyl phthalate	71850-09-4	1-16-2020
203	2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	1-16-2020
204	2-Methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	1-16-2020
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	1-16-2020

No	Substance Name	CAS Number	Date of inclusion
206	1-Vinylimidazole	1072-63-5	6-25-2020
207	2-Methylimidazole	693-98-1	6-25-2020
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	6-25-2020
209	Butyl 4-hydroxybenzoate(Butylparaben)	94-26-8	6-25-2020

No	Substance Name	CAS Number	Date of inclusion
210	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	--	1-19-2021
	Diocetyl tin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	--	
	Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	
	Diocetyl tin dilaurate	3648-18-8	
211	Bis(2-(methoxy ethoxy)ethyl)ether	143-24-8	1-19-2021

No	Substance Name	CAS Number	Date of inclusion
212	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers.	--	7-8-2021

213	Orthoboric acid, sodium salt	13840-56-7	7-8-2021
214	2,2-bis(bromomethyl)propane-1,3-diol (BMP); 2,2-dimethylpropan-1-ol, tribromo derivative/3-bromo-2,2-bis(bromomethyl)-1-propanol (TBNPA); 2,3-dibromo-1-propanol (2,3-DBPA)	3296-90-0 36483-57-5 1522-92-5 96-13-9	7-8-2021
215	Glutaral	111-30-8	7-8-2021
216	Medium-chain chlorinated paraffins (MCCP) (UVCB substances consisting of more than or equal to 80% linear chloroalkanes with carbon chain lengths within the range from C14 to C17)	--	7-8-2021
217	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/or combinations thereof (PDDP)	--	7-8-2021
218	1,4-dioxane	123-91-1	7-8-2021
219	4,4'-(1-methylpropylidene(bisphenol)	77-40-7	7-8-2021

No	Substance Name	CAS Number	Date of inclusion
220	Tris(2-methoxyethoxy)vinylsilane	1067-53-4	1-17-2022
221	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	1-17-2022
222	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	119-47-1	1-17-2022
223	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]he ptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	1782069-81-1 95342-41-9 852541-25-4 36861-47-9 741687-98-9 852541-30-1 852541-21-0	1-17-2022

No	Substance Name	CAS Number	Date of inclusion
224	N-(hydroxymethyl)acrylamide	924-42-5	6-10-2022

No	Substance Name	CAS Number	Date of inclusion
225	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	----	1-17-2023
226	Perfluoroheptanoic acid and its salts: Ammonium perfluoroheptanoate, potassium perfluoroheptanoate, Perfluoroheptanoic acid, Sodium perfluoroheptanoate	6130-43-4 21049-36-5 375-85-9 20109-59-5	1-17-2023
227	Melamine	108-78-1	1-17-2023
228	Isobutyl 4-hydroxybenzoate	4247-02-3	1-17-2023
229	bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof Bis(2-ethylhexyl) tetrabromophthalate	26040-51-7	1-17-2023
230	Barium diboron tetraoxide	13701-59-2	1-17-2023
231	4,4'-sulphonyldiphenol	80-09-1	1-17-2023
232	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7	1-17-2023

233	1,1'-[ethane-1,2-diylbisoxyl]bis[2,4,6-tribromobenzene]	37853-59-1	1-17-2023
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No	Substance Name	CAS Number	Date of inclusion
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8	6-17-2023
235	Bis(4-chlorophenyl) sulphone	80-07-9	6-17-2023

No	Substance Name	CAS Number	Date of inclusion
236	2,4,6-tri-tert-butylphenol	732-26-3	1-23-2024
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9	1-23-2024
238	2-(dimethylamino)-2-[[4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4	1-23-2024
239	Bumetrizole (UV-326)	3896-11-5	1-23-2024
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol Phenol, methylstyrenated	68512-30-1	1-23-2024

No	Substance Name	CAS Number	Date of inclusion
241	Bis(α,α-dimethylbenzyl) peroxide	80-43-3	6-27-2024

No	Substance Name	CAS Number	Date of inclusion
242	Triphenyl phosphate	115-86-6	11-7-2024

No	Substance Name	CAS Number	Date of inclusion
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	2156592-54-8	1-21-2025
244	O,O,O-triphenyl phosphorothioate	597-82-0	1-21-2025
245	Octamethyltrisiloxane	107-51-7	1-21-2025
246	Perfluamine	338-83-0	1-21-2025
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	192268-65-8	1-21-2025

For Lead and lead compound (**Blue mark**) Please see the description of remark 1

For Boron and boron compound (**Green mark**) Please see the description of remark 2

For Trichloroethylene (**Orange mark**) please see the description of remark 3

For any new EU'S reach item (**Red mark**), please see the description of remark 4

Remark:

1. We use the glass powder on our Fab process and solder wafer / solder paste on our assembly process that have high Pb content (meet Rohs) on the devices , and the SGS lab. use the total Pb content to calculate the lead and lead compound , we have confirmed with the SGS lab.

They didn't have the equipment to analysis lead and lead compound directly. Therefore , we didn't confirm that we could meet these .

2. We use the Boron paper on our Fab process that have Boron content on the devices , and the SGS lab. use the total Boron content to calculate the Boron and Boron compound , we have confirmed with the SGS lab. They didn't have the equipment to analysis boron compound directly. Therefore , we didn't confirm that we could meet these.
3. We also use the item 36 Trichloroethylene (volatility) on our Fab process, but it didn't remain on the TVS device , and the SGS test report also showed "N.D."(Not Detected) .
4. We check the EU's Reach item regularly on every February , so if EU's REACH program have publish any new item , we will check the new one with SGS lab. and provide the relate report , next time will update on February 2026.

Signature: M.L. SUNG Date: 2025 / 02 / 21

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