



บริษัท ไออาร์พีซี จำกัด (มหาชน)
IRPC Public Company Limited

Date 08 February 2016

To whom it may concern

The European Union's REACH has identified a Candidate List of Substances of Very High Concern (SVHC) to comply with regulations. Thus, we hereby confirm that IRPC "ABS Powder"

POLIMAXX Grade

AP6203

is not composed of these hazardous substances, which are classified as "Dangerous Substances Directive (67/548/EEC)" and "Dangerous Preparations Directive (1999/45/EC)". We do not expect the ingredients of the abovementioned POLIMAXX Grade to be included in the Candidate List of SVHC (referred to ECHA information update on 17 December 2015).

Issued By

Mr. Supasin Theeradakorn

Product Quality Management System Division Manager

(Revision 0)

Note: The information contained in this statement is prepared in good faith but not guaranteed. It was written to certify the Resin grade as shown in this statement only, regarding from the obligation set out recently. IRPC will keep the information up-to-date and subsequently the new version will be replaced.

The modification, processing, conversion or any additional substance into our product are beyond from our responsibility.

17th December 2015

163 Substances listed in SVHC

Table 1: Show the last update of Candidate list of SVHC

No.	Substance Name	EC No.	CAS No.	Reason for inclusion
REACH (14 Substances): Last updated: 28/10/2008				
1	Lead hydrogen arsenate	232-064-2	7784-40-9	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
2	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	Toxic for reproduction (article 57c)
3	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	Toxic for reproduction (article 57c)
4	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	vPvB (article 57e)
5	Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	PBT (article 57d)
6	Diarsenic trioxide	215-481-4	1327-53-3	Carcinogenic (article 57a)
7	Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	Carcinogenic, mutagenic and toxic for reproduction (articles 57a, 57b and 57c)
8	Triethyl arsenate	427-700-2	15606-95-8	Carcinogenic (article 57a)
9	Diarsenic pentaoxide	215-116-9	1303-28-2	Carcinogenic (article 57a)
10	Dibutyl phthalate (DBP)	201-557-4	84-74-2	Toxic for reproduction (article 57c)
11	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	Carcinogenic (article 57a)
12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	PBT and vPvB (articles 57 d and 57 e)
13	Anthracene	204-371-1	120-12-7	PBT (article 57d)
14	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4, 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	PBT (article 57d)
REACH (13 Substances): Last updated: 13/01/2010				
15	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
16	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
17	Anthracene oil	292-602-7	90640-80-5	Carcinogenic ¹ , PBT and vPvB (articles 57a, 57d and 57e)
18	2,4-Dinitrotoluene	204-450-0	121-14-2	Carcinogenic (article 57a)
19	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
20	Anthracene oil, anthracene-low	292-604-8	90640-82-7	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
21	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	Toxic for reproduction (article 57c)
22	Diisobutyl phthalate	201-553-2	84-69-5	Toxic for reproduction (article 57c)

23	Lead chromate	231-846-0	7758-97-6	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
24	Anthracene oil, anthracene paste	292-603-2	90640-81-6	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
25	Pitch, coal tar, high temp.	266-028-2	65996-93-2	Carcinogenic, PBT and vPvB (articles 57a, 57d and 57e)
26	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	Carcinogenic ² , mutagenic ³ , PBT and vPvB (articles 57a, 57b, 57d and 57e)
27	Acrylamide	201-173-7	79-06-1	Carcinogenic and mutagenic (articles 57 a and 57 b)

REACH (8 Substances): Last updated: 18/06/2010

28	Trichloroethylene	201-167-4	79-01-6	Carcinogenic (article 57 a)
29	Potassium dichromate	231-906-6	7778-50-9	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)
30	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	Toxic for reproduction (article 57 c)
31	Ammonium dichromate	232-143-1	9/5/7789	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)
32	Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	Toxic for reproduction (article 57 c)
33	Sodium chromate	231-889-5	7775-11-3	Carcinogenic, mutagenic and toxic for reproduction (articles 57 a, 57 b and 57 c)
34	Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	Toxic for reproduction (article 57 c)
35	Potassium chromate	232-140-5	7789-00-6	Carcinogenic and mutagenic (articles 57 a and 57 b).

REACH (8 Substances): Last updated: 15/12/2010

36	Cobalt(II) diacetate	200-755-8	71-48-7	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
37	Cobalt(II) sulphate	233-334-2	10124-43-3	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
38	2-Ethoxyethanol	203-804-1	110-80-5	Toxic for reproduction (article 57c)
39	2-Methoxyethanol	203-713-7	109-86-4	Toxic for reproduction (article 57c)
40	Chromium trioxide	215-607-8	1333-82-0	Carcinogenic and mutagenic (articles 57 a and 57 b)
41	Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid, Dichromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid	231-801-5, 236-881-5	7738-94-5, 13530-68-2	Carcinogenic (article 57a)
42	Cobalt(II) carbonate	208-169-4	513-79-1	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
43	Cobalt(II) dinitrate	233-402-1	10141-05-6	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)

REACH (8 Substances): Last updated: 20/06/2011

44	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	Toxic for reproduction (article 57c)
45	Strontium chromate	232-142-6	7789-06-2	Carcinogenic (article 57a)
46	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	Toxic for reproduction (article 57c)

47	1-Methyl-2-pyrrolidone	212-828-1	872-50-4	Toxic for reproduction (article 57c)
48	1,2,3-Trichloropropane	202-486-1	96-18-4	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
49	2-Ethoxyethyl acetate	203-839-2	111-15-9	Toxic for reproduction (article 57c)
50	Hydrazine	206-114-9	302-01-2, 7803-57-8	Carcinogenic (article 57a)
51	Cobalt dichloride	231-589-4	7646-79-9	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
REACH (20 Substances): Last updated: 19/12/2011				
52	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	Equivalent level of concern having probable serious effects to the environment (article 57 f)
53	N,N-dimethylacetamide	204-826-4	127-19-5	Toxic for reproduction (article 57 c)
54	Phenolphthalein	201-004-7	77-09-8	Carcinogenic (article 57 a)
55	Lead diazide, Lead azide	236-542-1	13424-46-9	Toxic for reproduction (article 57 c),
56	Lead dipicrate	229-335-2	6477-64-1	Toxic for reproduction (article 57 c)
57	Calcium arsenate	231-904-5	7778-44-1	Carcinogenic (article 57 a)
58	1,2-dichloroethane	203-458-1	107-06-2	Carcinogenic (article 57 a)
59	Dichromium tris(chromate)	246-356-2	24613-89-6	Carcinogenic (article 57 a)
60	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	Carcinogenic (article 57 a)
61	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	Carcinogenic (article 57 a)
62	Arsenic acid	231-901-9	7778-39-4	Carcinogenic (article 57 a)
63	Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	Carcinogenic (article 57 a)
64	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	Carcinogenic (article 57 a)
65	Lead styphnate	239-290-0	15245-44-0	Toxic for reproduction (article 57 c)
66	Trilead diarsenate	222-979-5	3687-31-8	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)
67	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 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) alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content less or equal to 18% by weight</i>			Carcinogenic (article 57 a)
68	Aluminosilicate Refractory Ceramic Fibres			Carcinogenic (article 57 a)

	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			
69	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	Toxic for reproduction (article 57 c)
70	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	Toxic for reproduction (article 57 c)
71	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	Carcinogenic (article 57 a)
REACH (13 Substances): Last updated: 18/06/2012				
72	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9	Carcinogenic (Article 57a)
73	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	423-400-0	59653-74-6	Mutagenic (Article 57b)
74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	Toxic for reproduction (Article 57 c)
75	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1	Carcinogenic (Article 57a)
76	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	Toxic for reproduction (Article 57 c)
77	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	Toxic for reproduction (Article 57 c)
78	Diboron trioxide	215-125-8	1303-86-2	Toxic for reproduction (Article 57 c)
79	α,α -Bis[4-(dimethylamino)phenyl]-4-(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	229-851-8	6786-83-0	Carcinogenic (Article 57a)
80	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	Mutagenic (Article 57b)
81	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	Carcinogenic (Article 57a)
82	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	Carcinogenic (Article 57a)

83	[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. 202-959-2)]	219-943-6	2580-56-5	Carcinogenic (Article 57a)
84	Formamide	200-842-0	75-12-7	Toxic for reproduction (Article 57 c)
REACH (53 Substances): Last updated: 19/12/2012				
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	PBT (Article 57 d); vPvB (Article 57 e)
86	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	vPvB (Article 57 e)
87	Tricosafuorododecanoic acid	206-203-2	307-55-1	vPvB (Article 57 e)
88	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	vPvB (Article 57 e)
89	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	vPvB (Article 57 e)
90	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	-	-	Equivalent level of concern - probable serious effects on the environment (Article 57 f)
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	-	-	Equivalent level of concern - probable serious effects on the environment (Article 57 f)
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	Equivalent level of concern - probable serious effects on human health (Article 57 f)
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9	85-42-7	Equivalent level of concern - probable serious effects on human health (Article 57 f)
94	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	Equivalent level of concern - probable serious effects on human health (Article 57 f)
95	Methoxy acetic acid	210-894-6	625-45-6	Toxic for reproduction (Article 57 c); equivalent level of concern -probable serious effects on human health and the environment (Article 57 f)
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	Toxic for reproduction (Article 57 c)
97	Diisopentylphthalate (DIPP)	210-088-4	605-50-5	Toxic for reproduction (Article 57 c)
98	N-pentyl-isopentylphthalate	-	-	Toxic for reproduction (Article 57 c)
99	1,2-Diethoxyethane	211-076-1	629-14-1	Toxic for reproduction (Article 57 c)
100	N,N-dimethylformamide; dimethyl formamide	200-679-5	68-12-2	Toxic for reproduction (Article 57 c)
101	Dibutyltin dichloride (DBT)	211-670-0	683-18-1	Toxic for reproduction (Article 57 c)
102	Acetic acid, lead salt, basic	257-175-3	51404-69-4	Toxic for reproduction (Article 57 c)

103	Basic lead carbonate (trilead bis(carbonate)dihydroxide)	215-290-6	1319-46-6	Toxic for reproduction (Article 57 c)
104	Lead oxide sulfate (basic lead sulfate)	234-853-7	12036-76-9	Toxic for reproduction (Article 57 c)
105	[Phthalato(2-)]dioxotrilead (dibasic lead phthalate)	273-688-5	69011-06-9	Toxic for reproduction (Article 57 c)
106	Dioxobis(stearato)trilead	235-702-8	12578-12-0	Toxic for reproduction (Article 57 c)
107	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	Toxic for reproduction (Article 57 c)
108	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	Toxic for reproduction (Article 57 c)
109	Lead cyanamidate	244-073-9	20837-86-9	Toxic for reproduction (Article 57 c)
110	Lead dinitrate	233-245-9	10099-74-8	Toxic for reproduction (Article 57 c)
111	Lead oxide (lead monoxide)	215-267-0	1317-36-8	Toxic for reproduction (Article 57 c)
112	Lead tetroxide (orange lead)	215-235-6	1314-41-6	Toxic for reproduction (Article 57 c)
113	Lead titanium trioxide	235-038-9	12060-00-3	Toxic for reproduction (Article 57 c)
114	Lead Titanium Zirconium Oxide	235-727-4	12626-81-2	Toxic for reproduction (Article 57 c)
115	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	Toxic for reproduction (Article 57 c)
116	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	Toxic for reproduction (Article 57 c)
117	Silicic acid, barium salt, lead-doped	272-271-5	68784-75-8	Toxic for reproduction (Article 57 c)
118	Silicic acid, lead salt	234-363-3	11120-22-2	Toxic for reproduction (Article 57 c)
119	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	Toxic for reproduction (Article 57 c)
120	Tetraethyllead	201-075-4	78-00-2	Toxic for reproduction (Article 57 c)
121	Tetralead trioxide sulphate	235-380-9	12202-17-4	Toxic for reproduction (Article 57 c)
122	Trilead dioxide phosphonate	235-252-2	12141-20-7	Toxic for reproduction (Article 57 c)
123	Furan	203-727-3	110-00-9	Carcinogenic (Article 57a)
124	Propylene oxide; 1,2-epoxypropane; methyloxirane	200-879-2	75-56-9	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)
125	Diethyl sulphate	200-589-6	64-67-5	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)
126	Dimethyl sulphate	201-058-1	77-78-1	Carcinogenic (Article 57 a)
127	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	Toxic for reproduction (Article 57 c)
128	Dinoseb	201-861-7	88-85-7	Toxic for reproduction (Article 57 c)
129	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	Carcinogenic (Article 57 a)
130	4,4'-oxydianiline and its salts	202-977-0	101-80-4	Carcinogenic (Article 57 a); Mutagenic (Article 57 b)
131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6	60-09-3	Carcinogenic (Article 57 a)
132	4-methyl-m-phenylenediamine (2,4-toluenediamine)	202-453-1	95-80-7	Carcinogenic (Article 57 a)
133	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	Carcinogenic (Article 57 a)
134	Biphenyl-4-ylamine	202-177-1	92-67-1	Carcinogenic (Article 57 a)

135	o-aminoazotoluene	202-591-2	97-56-3	Carcinogenic (Article 57 a)
136	o-Toluidine; 2-Aminotoluene	202-429-0	95-53-4	Carcinogenic (Article 57 a)
137	N-methylacetamide	201-182-6	79-16-3	Toxic for reproduction (Article 57 c)
138	1-bromopropane; n-propyl bromide	203-445-0	106-94-5	Toxic for reproduction (Article 57 c)

REACH (6 Substances): Last updated: 20/06/2013

139	Cadmium	231-152-8	7440-43-9	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
140	Cadmium oxide	215-146-2	1306-19-0	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
141	Dipentyl phthalate (DPP)	205-017-9	131-18-0	Toxic for reproduction (Article 57 c)
142	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
143	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	Toxic for reproduction (Article 57 c); PBT (Article 57 d)
144	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>	-	-	Equivalent level of concern having probable serious effects to the environment (Article 57 f)

REACH (7 Substances): Last updated: 16/12/2013

145	Cadmium sulphide	215-147-8	1306-23-6	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)
146	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	209-358-4	573-58-0	Carcinogenic (Article 57a)
147	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)	217-710-3	1937-37-7	Carcinogenic (Article 57a)
148	Dihexyl phthalate	201-559-5	84-75-3	Toxic for reproduction (Article 57 c)
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	Toxic for reproduction (Article 57 c)
150	Lead di(acetate)	206-104-4	301-04-2	Toxic for reproduction (Article 57 c)
151	Trixylyl phosphate	246-677-8	25155-23-1	Toxic for reproduction (Article 57 c)

REACH (4 Substances): Last updated: 16/06/2014				
152	Cadmium chloride	233-296-7	10108-64-2	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for Reproduction (Article 57c); Equivalent level of concern having probable serious effects to human health (Article 57f)
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	Toxic for reproduction (Article 57c)
154	Sodium peroxomethaborate	231-556-4	7632-04-4	Toxic for reproduction (Article 57c)
155	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	-	Toxic for reproduction (Article 57c)
REACH (6 Substances): Last updated: 17/12/2014				
156	Cadmium fluoride	232-222-0	7790-79-6	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproductive (Article 57c) Equivalent level of concern having probable serious effects to human health (Article 57f)
157	Cadmium sulphate	233-331-6	10124-36-4; 31119-53-6	Carcinogenic (Article 57a); Mutagenic (Article 57b); Toxic for reproductive (Article 57c) Equivalent level of concern having probable serious effects to human health (Article 57f)
158	2-benzotriazol-2-yl-4,6-di-tertbutylphenol(UV-320)	223-346-6	3846-71-7	PBT (Article 57d); vPvB (Article 57e)
159	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	PBT (Article 57d); vPvB (Article 57e)
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	Toxic for reproductive (Article 57c)
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)	-	-	Toxic for reproductive (Article 57c)
REACH (2 Substances): Last updated: 15/06/2015				
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)	271-094-0 272-013-1	68515-51-5 68648-93-1	Toxic for reproductive (Article 57c)
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]	-	-	vPvB (Article 57e)
REACH (5 Substances): Last updated: 17/12/2015				
164	Nitrobenzene	202-716-0	98-95-3	Toxic for reproduction (Article 57c)
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	vPvB (Article 57e)

166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl) phenol (UV-350)	253-037-1	36437-37-3	vPvB (Article 57e)
167	1,3-propanesultone	214-317-9	1120-71-4	Carcinogenic (Article 57a)
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	Toxic for reproduction (Article 57c) PBT (Article 57d)