

January 2025

## Subject: The REACH Substances of Very High Concern (SVHC) list 247

In accordance with Article 33 of Regulation No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH), Winslow Adaptics Ltd has a duty to communicate to its customers the presence of Substances of Very High Concern (SVHC) contained in its articles in excess of 0.1% weight by weight (w/w) (as defined by the Court of Justice of the European Union Case C-106/14).

Winslow Adaptics Ltd has reviewed the content of its articles to determine the presence, if any, of the 247 SVHC substances identified on the EU SVHC Candidate List as of 21 Jan 2025.

Except as explicitly identified hereunder, no SVHCs were found to be present in Winslow Adaptics articles in excess of 0.1% w/w. This determination is based on engineering evaluation, testing and supplier declarations and is correct to the best of Winslow Adaptics knowledge.

### Declaration of SVHCs in Winslow Adaptics articles:

1. Winslow Adaptics products which part numbers start 'W305...' and have suffix TRC or TTRC that rely on Exemptions 6(c) of the Directive 2011/65/EU of the European Parliament will contain lead (EC# 231-100-4) in excess of 0.1% w/w.
2. Custom Winslow Adaptics products that are designed for Military or Aerospace applications which use SnPb solder at the request of the design authority/end customer and don't include 'RC' in the part number will contain lead (EC# 231-100-4) in excess of 0.1% w/w.

REACH SVHC List in Excel Table, Total Number: 247 Substances (Updated on 21 Jan 2025)				
ECHA Source: <a href="http://echa.europa.eu/candidate-list-table">http://echa.europa.eu/candidate-list-table</a>				
Index	Chemical Name	EC Number	CAS Number	Inclusion Date (D-M-Y)
247	reaction mass of: triphenylthiophosphate and tertiary butylated phenyl derivatives	421-820-9	192268-65-8	21/01/2025
246	Perfluamine	206-420-2	338-83-0	21/01/2025
245	Octamethyltrisiloxane	203-497-4	107-51-7	21/01/2025
244	O,O,O-triphenyl phosphorothioate	209-909-9	597-82-0	21/01/2025
243	6-[(C10-C13)-alkyl-(branched, unsaturated)-2,5-dioxopyrrolidin-1-yl]hexanoic acid	701-118-1	2156592-54-8	21/01/2025
242	Triphenyl phosphate	204-112-2	115-86-6	07/11/2024
241	Bis(α,α-dimethylbenzyl) peroxide	201-279-3	80-43-3	27/06/2024
240	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	700-960-7	-	23/01/2024
239	Bumetrizole (UV-326)	223-445-4	3896-11-5	23/01/2024

238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	438-340-0	119344-86-4	23/01/2024
237	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	221-573-5	3147-75-9	23/01/2024
236	2,4,6-tri-tert-butylphenol	211-989-5	732-26-3	23/01/2024
235	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	278-355-8	75980-60-8	14/06/2023
234	Bis(4-chlorophenyl) sulphone	201-247-9	80-07-9	14/06/2023
233	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	253-692-3	37853-59-1	17/01/2023
232	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	201-236-9	79-94-7	17/01/2023
231	4,4'-sulphonyldiphenol	201-250-5	80-09-1,	17/01/2023
230	Barium diboron tetraoxide	237-222-4	13701-59-2	17/01/2023
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-	-	17/01/2023
228	Isobutyl 4-hydroxybenzoate	224-208-8	4247-02-3,	17/01/2023
227	Melamine	203-615-4	108-78-1	17/01/2023
226	Perfluoroheptanoic acid and its salts	-	-	17/01/2023
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	473-390-7	-	17/01/2023
224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	10/06/2022
223	tris(2-methoxyethoxy)vinylsilane	213-934-0	1067-53-4	17/01/2022
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(X4261)	401-850-9	255881-94-8	17/01/2022
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol	204-327-1	119-47-1	17/01/2022
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)	-	1782069-81-1, 95342-41-9, 852541-25-4, 36861-47-9, 741687-98-9, 852541-30-1, 852541-21-0	17/01/2022
219	Phenol, alkylation products (mainly in para position) with C12-rich branched alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	310-154-3	210555-94-5, 27459-10-5, 27147-75-7, 121158-58-5, 74499-35-7, 57427-55-1	08/07/2021
218	orthoboric acid, sodium salt	238-253-6, 215-604-1, 237-560-2	25747-83-5, 22454-04-2, 14312-40-4, 1333-73-9, 13840-56-7, 14890-53-0	08/07/2021
217	Medium-chain chlorinated paraffins (MCCP)	287-477-0, 950-299-5	1372804-76-6, 85535-85-9, 198840-65-2	08/07/2021
216	glutaral	203-856-5	111-30-8	08/07/2021
215	4,4'-(1-methylpropylidene)bisphenol	201-025-1	77-40-7	08/07/2021
214	2-(4-tert-butylbenzyl)propionaldehyde and its individual stereoisomers	201-289-8	75166-31-3, 80-54-6, 75166-30-2	08/07/2021

213	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)	253-057-0, 221-967-7, 202-480-9	1522-92-5, 36483-57-5, 3296-90-0, 96-13-9	08/07/2021
212	1,4-dioxane	204-661-8	123-91-1	08/07/2021
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	-	-	19/01/21
210	Bis(2-(2-methoxyethoxy)ethyl)ether	205-594-7	143-24-8	19/01/21
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	25/06/20
208	butyl 4-hydroxybenzoate	202-318-7	94-26-8	25/06/20
207	2-methylimidazole	211-765-7	693-98-1	25/06/20
206	1-vinylimidazole	214-012-0	1072-63-5	25/06/20
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	16/01/20
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	400-600-6	71868-10-5	16/01/20
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	16/01/20
202	Diisohexyl phthalate	276-090-2	71850-09-4	16/01/20
201	2-methoxyethyl acetate	203-772-9	110-49-6	16/07/19
200	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	16/07/19
199	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	-	-	16/07/19
198	4-tert-butylphenol	202-679-0	98-54-4	16/07/19
197	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor; 3-BC)	239-139-9	15087-24-8	15/01/19
196	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	15/01/19
195	Benzo[k]fluoranthene	205-916-6	207-08-9	15/01/19
194	Fluoranthene	205-912-4	206-44-0; 93951-69-0	15/01/19
193	Phenanthrene	201-581-5	85-01-8	15/01/19
192	Pyrene	204-927-3	129-00-0; 1718-52-1	15/01/19
191	Benzo[ghi]perylene	205-883-8	191-24-2	27/06/18
190	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	27/06/18
189	Disodium octaborate	234-541-0	12008-41-2	27/06/18
188	Dodecamethylcyclohexasiloxane(D6)	208-762-8	540-97-6	27/06/18
187	Ethylenediamine	203-468-6	107-15-3	27/06/18
186	Lead	231-100-4	7439-92-1	27/06/18

185	Octamethylcyclotetrasiloxane(D4)	209-136-7	556-67-2	27/06/18
184	Terphenyl, hydrogenated	262-967-7	61788-32-7	27/06/18
183	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	27/06/18
182	benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride)(TMA)	209-008-0	552-30-7	27/06/18
181	Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	15/01/2018
180	Cadmium carbonate	208-168-9	513-78-0	15/01/2018
179	Cadmium hydroxide	244-168-5	21041-95-2	15/01/2018
178	Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	15/01/2018
177	Chrysene	205-923-4	218-01-9, 1719-03-5	15/01/2018
176	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octadeca-7,15-diene ("Dechlorane Plus™")	-	-	15/01/2018
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	15/01/2018
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	-	07/07/2017
173	4,4'-isopropylidenediphenol (bisphenol A)	201-245-8	80-05-7	12/01/2017
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3	335-76-2	12/01/2017
171	4-heptylphenol, branched and linear (4-HPbl)	-	-	12/01/2017
170	p-(1,1-dimethylpropyl)phenol (PTAP)	201-280-9	80-46-6	12/01/2017
169	Benzo[def]chrysene	200-028-5	50-32-8	20/06/2016
168	Nitrobenzene	202-716-0	98-95-3	17/12/2015
167	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	17/12/2015
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	17/12/2015
165	1,3-propanesultone	214-317-9	1120-71-4	17/12/2015
164	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1, 21049-39-8, 4149-60-4	17/12/2015
163	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	15/06/2015
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]			15/06/2015
161	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	2014/12/17; 2008/10/28
160	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	17/12/2014

159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	17/12/2014
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	17/12/2014
157	Cadmium fluoride	232-222-0	7790-79-6	17/12/2014
156	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	17/12/2014
155	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)			17/12/2014
154	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	271-093-5	68515-50-4	16/06/2014
153	Cadmium chloride	233-296-7	10108-64-2	16/06/2014
152	Sodium perborate,perboric acid, sodium salt	239-172-9, 234-390-0		16/06/2014
151	Sodium peroxometaborate	231-556-4	7632-4-4,	16/06/2014
150	Cadmium sulphide	215-147-8	1306-23-6	16/12/2013
149	Dihexyl phthalate	201-559-5	84-75-3	16/12/2013
148	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	16/12/2013
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	16/12/2013
146	Imidazolidine-2-thione (2-imidazoline-2-thiol)	202-506-9	96-45-7	16/12/2013
145	Lead di(acetate)	206-104-4	301-04-2	16/12/2013
144	Trixylyl phosphate	246-677-8	25155-23-1	16/12/2013
143	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]			20/06/2013
142	Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	20/06/2013
141	Cadmium	231-152-8	7440-43-9	20/06/2013
140	Cadmium oxide	215-146-2	1306-19-0	20/06/2013
139	Dipentyl phthalate (DPP)	205-017-9	131-18-0	20/06/2013
138	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	20/06/2013
137	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	19/12/2012
136	1,2-Diethoxyethane	211-076-1	629-14-1	19/12/2012

135	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	19/12/2012
134	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	19/12/2012
133	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0	19/12/2012
132	4,4'-oxydianiline and its salts	202-977-0	101-80-4	19/12/2012
131	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]			19/12/2012
130	4-Aminoazobenzene	200-453-6	60-09-3	19/12/2012
129	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	19/12/2012
128	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]			19/12/2012
127	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	19/12/2012
126	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	19/12/2012
125	Acetic acid, lead salt, basic	257-175-3	51404-69-4	19/12/2012
124	Biphenyl-4-ylamine	202-177-1	92-67-1	19/12/2012
123	Bis(pentabromophenyl) ether (decabromodiphenyl ether) (DecaBDE)	214-604-9	1163-19-5	19/12/2012
122	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [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]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	19/12/2012
121	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide)) (ADCA)	204-650-8	123-77-3	19/12/2012
120	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	19/12/2012
119	Diethyl sulphate	200-589-6	64-67-5	19/12/2012
118	Diisopentylphthalate	210-088-4	605-50-5	19/12/2012
117	Dimethyl sulphate	201-058-1	77-78-1	19/12/2012
116	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	19/12/2012
115	Dioxobis(stearato)trilead	235-702-8	12578-12-0	19/12/2012
114	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	19/12/2012
113	Furan	203-727-3	110-00-9	19/12/2012
112	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	19/12/2012
111	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	19/12/2012



110	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [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]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	19/12/2012
109	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	19/12/2012
108	Lead cyanamidate	244-073-9	20837-86-9	19/12/2012
107	Lead dinitrate	233-245-9	10099-74-8	19/12/2012
106	Lead monoxide (lead oxide)	215-267-0	1317-36-8	19/12/2012
105	Lead oxide sulfate	234-853-7	12036-76-9	19/12/2012
104	Lead titanium trioxide	235-038-9	12060-00-3	19/12/2012
103	Lead titanium zirconium oxide	235-727-4	12626-81-2	19/12/2012
102	Methoxyacetic acid	210-894-6	625-45-6	19/12/2012
101	Methyloxirane (Propylene oxide)	200-879-2	75-56-9	19/12/2012
100	N,N-dimethylformamide	200-679-5	68-12-2	19/12/2012
99	N-methylacetamide	201-182-6	79-16-3	19/12/2012
98	N-pentyl-isopentylphthalate		776297-69-9	19/12/2012
97	o-aminoazotoluene	202-591-2	97-56-3	19/12/2012
96	o-Toluidine	202-429-0	95-53-4	19/12/2012
95	Orange lead (lead tetroxide)	215-235-6	1314-41-6	19/12/2012
94	Pentacosfluorotridecanoic acid	276-745-2	72629-94-8	19/12/2012
93	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	19/12/2012
92	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	19/12/2012
91	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), 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]	272-271-5	68784-75-8	19/12/2012
90	Silicic acid, lead salt	234-363-3	11120-22-2	19/12/2012
89	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	19/12/2012
88	Tetraethyllead	201-075-4	78-00-2	19/12/2012
87	Tetralead trioxide sulphate	235-380-9	12202-17-4	19/12/2012
86	Tricosfluorododecanoic acid	206-203-2	307-55-1	19/12/2012
85	Trilead bis(carbonate) dihydroxide	215-290-6	1319-46-6	19/12/2012
84	Trilead dioxide phosphonate	235-252-2	12141-20-7	19/12/2012



83	1,2-bis(2-methoxyethoxy)ethane (TEGDME, triglyme)	203-977-3	112-49-2	18/06/2012
82	1,2-dimethoxyethane, ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	18/06/2012
81	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	18/06/2012
80	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	423-400-0	59653-74-6	18/06/2012
79	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	18/06/2012
78	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	18/06/2012
77	[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	18/06/2012
76	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6	2580-56-5	18/06/2012
75	Diboron trioxide	215-125-8	1303-86-2	18/06/2012
74	Formamide	200-842-0	75-12-7	18/06/2012
73	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	18/06/2012
72	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	18/06/2012
71	$\alpha,\alpha$ -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	18/06/2012
70	1,2-Dichloroethane	203-458-1	107-06-2	19/12/2011
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	202-918-9	101-14-4	19/12/2011
68	2-Methoxyaniline, o-Anisidine	201-963-1	90-04-0	19/12/2011
67	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	19/12/2011
66	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			19/12/2011

	less two standard geometric errors of 6 or less micrometres ( $\mu\text{m}$ ) 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			
65	Arsenic acid	231-901-9	7778-39-4	19/12/2011
64	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	19/12/2011
63	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	19/12/2011
62	Calcium arsenate	231-904-5	7778-44-1	19/12/2011
61	Dichromium tris(chromate)	246-356-2	24613-89-6	19/12/2011
60	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	19/12/2011
59	Lead diazide, Lead azide	236-542-1	13424-46-9	19/12/2011
58	Lead dipicrate	229-335-2	6477-64-1	19/12/2011
57	Lead styphnate	239-290-0	15245-44-0	19/12/2011
56	N,N-dimethylacetamide	204-826-4	127-19-5	19/12/2011
55	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	19/12/2011
54	Phenolphthalein	201-004-7	77-09-8	19/12/2011
53	Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	19/12/2011
52	Trilead diarsenate	222-979-5	3687-31-8	19/12/2011
51	Zirconia 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, 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 ( $\mu\text{m}$ ). 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			19/12/2011
50	Cobalt dichloride	231-589-4	7646-79-9	2011/06/20 - 2008/10/28
49	1,2,3-trichloropropane	202-486-1	96-18-4	20/06/2011
48	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	20/06/2011
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	20/06/2011
46	1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	20/06/2011
45	2-Ethoxyethyl acetate	203-839-2	111-15-9	20/06/2011
44	Hydrazine	206-114-9	302-01-2, 7803-57-8	20/06/2011

43	Strontium chromate	232-142-6	7789-6-2,	20/06/2011
42	2-Ethoxyethanol	203-804-1	110-80-5	15/12/2010
41	2-Methoxyethanol	203-713-7	109-86-4	15/12/2010
40	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.	231-801-5, 236-881-5	7738-94-5, 13530-68-2	15/12/2010
39	Chromium trioxide	215-607-8	1333-82-0	15/12/2010
38	Cobalt(II) carbonate	208-169-4	513-79-1	15/12/2010
37	Cobalt(II) diacetate	200-755-8	71-48-7	15/12/2010
36	Cobalt(II) dinitrate	233-402-1	10141-05-6	15/12/2010
35	Cobalt(II) sulphate	233-334-2	10124-43-3	15/12/2010
34	Ammonium dichromate	232-143-1	7789-9-5,	18/06/2010
33	Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	18/06/2010
32	Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	18/06/2010
31	Potassium chromate	232-140-5	7789-00-6	18/06/2010
30	Potassium dichromate	231-906-6	7778-50-9	18/06/2010
29	Sodium chromate	231-889-5	7775-11-3,	18/06/2010
28	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	18/06/2010
27	Trichloroethylene	201-167-4	79-01-6	18/06/2010
26	Acrylamide	201-173-7	79-06-1	30/03/2010
25	2,4-Dinitrotoluene (2,4-DNT)	204-450-0	121-14-2	13/01/2010
24	Anthracene oil	292-602-7	90640-80-5	13/01/2010
23	Anthracene oil, anthracene paste	292-603-2	90640-81-6	13/01/2010
22	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	13/01/2010
21	Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	13/01/2010
20	Anthracene oil, anthracene-low	292-604-8	90640-82-7	13/01/2010
19	Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	13/01/2010
18	Lead chromate	231-846-0	7758-97-6	13/01/2010
17	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	13/01/2010
16	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	13/01/2010
15	Pitch, coal tar, high temp.	266-028-2	65996-93-2	13/01/2010
14	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	13/01/2010
13	4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	28/10/2008
12	5-tert-butyl-2,4,6-trinitro-m-xylene (Musk xylene)	201-329-4	81-15-2	28/10/2008

11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	28/10/2008
10	Anthracene	204-371-1	120-12-7	28/10/2008
9	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	28/10/2008
8	Bis(tributyltin) oxide (TBTO)	200-268-0	56-35-9	28/10/2008
7	Diarsenic pentaoxide	215-116-9	1303-28-2	28/10/2008
6	Diarsenic trioxide	215-481-4	1327-53-3	28/10/2008
5	Dibutyl phthalate (DBP)	201-557-4	84-74-2	28/10/2008
4	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4, 221-695-9	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	28/10/2008
3	Lead hydrogen arsenate	232-064-2	7784-40-9	28/10/2008
2	Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	28/10/2008
1	Triethyl arsenate	427-700-2	15606-95-8	28/10/2008

REACH 247 Candidate List of substances of very high concern EU REACH Regulation (EC) No. 1907/2006 (published in accordance with Article 59(10) of the REACH Regulation).

The full candidate list can be found here: <https://echa.europa.eu/candidate-list-table>

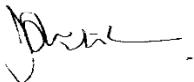
Authorization list Annex XIV.

The Authorization list can be found here: <https://echa.europa.eu/addressing-chemicals-of-concern/authorisation/recommendation-for-inclusion-in-the-authorisation-list/authorisation-list>

Annex XVII to REACH and includes all the restrictions adopted in the framework of REACH and the previous legislation, Directive 76/769/EEC.

The Annex list can be found here: <https://echa.europa.eu/addressing-chemicals-of-concern/restrictions/substances-restricted-under-reach>

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