

## BeRex REACH Statement

### European Union(EU) Regulation (EC) No. 1907/2006, REACH

The Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) is an EU initiative aimed to improve the protection of human health and the environment through safe usage of chemical substances contained within preparations and articles. With respect to the REACH initiative we offer the following information regarding BeRex Corp. ("BeRex Corp." and "BeRex Inc.", hereafter "BeRex") integrated circuit products

#### 1. Article 7 – Registration

With regard to Article 7(1) of the REACH regulation, articles produced by BeRex do not contain substances intended to be released under normal or reasonably foreseeable conditions of use and do not contain any Substances of Very High concern (SVHC) that exceed 1 ton per year. As such, BeRex is not required to notify ECHA under Article 7(1).

#### 2. Article 33 (1) – Communication of Substance Information

Article 33(1) requires a supplier to inform its customers if an article contains a substance(s) on the Substances of Very High Concern (SVHC) Candidate List in excess of 0.1% weight by weight of that article. **On Jun. 10, 2022**, ECHA increased the number of substances on the SVHC List to **224 substances**. BeRex continues to evaluate supplier and material composition declarations and through internal material review. SVHC are not present above the 0.1% weight in any article of BeRex's products.

#### 3. Article 67 Substance Restrictions and Article 56 Authorization

Under Articles 67 and 56, substances listed in Annex XVII and Annex XIV are restricted for use by application or require an authorization prior to use. BeRex to the best of its knowledge and belief have determined that there are no known Annex XVII restricted substances or Annex XIV substances subject to authorization contained in BeRex products.

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Position : QA General manager of BeRex Corp.

Date : Sep. 09, 2022



Appendix

224-Substances of Very High Concern (SVHCs) in the Candidate List – issued on Jun. 10, 2022

No.	Substance Name	EC Number	CAS Number	Reason for Inclusion
<b>27<sup>th</sup> SVHC in the Candidate List (2022.06)</b>				
224	N-(hydroxymethyl)acrylamide	213-103-2	924-42-5	Carcinogenic Mutagenic
<b>26<sup>th</sup> SVHC in the Candidate List (2022.01)</b>				
223	S-(tricyclo(5.2.1.0 <sup>2,6</sup> )deca-3-en-8(or 9)-yl O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	401-850-9	255881-94-8	PBT
222	(±)-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)	--	--	EDP
221	tris(2-methoxyethoxy) vinylsilane	213-934-0	1067-53-4	TRC
220	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	204-327-1	119-47-1	TRC
<b>25<sup>th</sup> SVHC in the Candidate List (2021.07)</b>				
219	4,4'-(1-methylpropylidene) bisphenol; (bisphenol B)	201-025-1	77-40-7	EDP
218	1,4-dioxane	204-661-8	123-91-1	Carcinogenic Equivalent concern
217	Phenol, alkylation products (mainly in para position) with C12-rich branched or linear alkyl chains from oligomerisation, covering any individual isomers and/ or combinations thereof (PDDP)	--	--	TRC EDP
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]	--	--	PBT, vPvB
215	Glutaral	203-856-5	111-30-8	RSP
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)	221-967-7 253-057-0 202-480-9	3296-90-0 36483-57-5/ 1522-92-5 96-13-9	Carcinogenic
213	Orthoboric acid, sodium salt	237-560-2	13840-56-7	TRC
212	2-(4-tert-butylbenzyl) propionaldehyde and its individual stereoisomers	--	--	TRC
<b>24<sup>th</sup> SVHC in the Candidate List (2021.01)</b>				
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	--	--	TRC
210	Bis(2-(2-methoxyethoxy) ethyl) ether	205-594-7	143-24-8	TRC
<b>23<sup>rd</sup> SVHC in the Candidate List (2020.06)</b>				
209	Dibutylbis(pentane-2,4-dionato-O,O')tin	245-152-0	22673-19-4	TRC
208	Butyl 4-hydroxybenzoate	202-318-7	94-26-8	EDP
207	2-methylimidazole	211-765-7	693-98-1	TRC
206	1-vinylimidazole	214-012-0	1072-63-5	TRC
<b>22<sup>nd</sup> SVHC in the Candidate List (2020.01)</b>				
205	Perfluorobutane sulfonic acid (PFBS) and its salts	--	--	Equivalent concern
204	Diisohexyl phthalate	276-090-2	71850-09-4	TRC
203	2-Methyl-1-(4-methylthiophenyl)-2-morpholino propan- 1-one	400-600-6	71868-10-5	TRC
202	2-Benzyl-2-dimethylamino-4'-morpholinobutyrophenone	404-360-3	119313-12-1	TRC
<b>21<sup>st</sup> SVHC in the Candidate List (2019.07)</b>				
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)	--	--	Equivalent concern
199	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	--	--	EDP
198	2-Methoxyethyl acetate	203-772-9	110-49-6	TRC
<b>20<sup>th</sup> SVHC in the Candidate List (2019.01)</b>				
197	1,7,7-trimethyl-3- (phenylmethylene)bicyclo[2.2.1]heptan-2-one	239-139-9	15087-24-8	EDP
196	Pyrene	204-927-3	129-00-0	PBT, vPvB
195	Phenanthrene	201-581-5	85-01-8	vPvB
194	Fluoranthene	205-912-4	206-44-0	PBT, vPvB

193	Benzo[k]fluoranthene	205-916-6	207-08-9	Carcinogenic PBT, vPvB
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	401-720-1	6807-17-6	TRC
<b>19<sup>th</sup> SVHC in the Candidate List (2018.07)</b>				
191	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	TRC, EDP
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride; TMA)	209-008-0	552-30-7	RSP
189	Ethylenediamine (EDA)	203-468-6	107-15-3	RSP
188	Terphenyl hydrogenated	262-967-7	61788-32-7	vPvB
187	Benzo[g,h,i]perylene	205-883-8	191-24-2	PBT, vPvB
186	Disodium octaborate	234-541-0	12008-41-2	TRC
185	Lead	231-100-4	7439-92-1	TRC
184	Dodecamethylcyclotetrasiloxane (D6)	208-762-8	540-97-6	PBT, vPvB
183	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	PBT, vPvB
182	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	PBT, vPvB
<b>18<sup>th</sup> SVHC in the Candidate List (2018.01)</b>				
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, branched and linear]	--	--	EDP
180	Dodecachloropentacyclo[12.2.1.16,9.02,13.05,10]octade ca-7,15-diene ("Dechlorane Plus™") covering any of its individual anti- and syn-isomers or any combination thereof	--	--	vPvB
179	Chrysene	205-923-4	218-01-9	Carcinogenic PBT vPvB
178	Cadmium carbonate	208-168-9	513-78-0	Carcinogenic Mutagenic STOT
177	Cadmium hydroxide	244-168-5	21041-95-2	Carcinogenic Mutagenic STOT
176	Cadmium nitrate	233-710-6	10325-94-7	Carcinogenic Mutagenic STOT
175	Benz[a]anthracene	200-280-6	56-55-3	Carcinogenic PBT vPvB
<b>17<sup>th</sup> SVHC in the Candidate List (2017.07)</b>				
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	--	--	vPvB
<b>16<sup>th</sup> SVHC in the Candidate List (2016.12)</b>				
173	p-(1,1-Dimethylpropyl)phenol	201-280-9	80-46-6	TRC
172	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]	-	-	TRC
171	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3 221-470-5	335-76-2 3830-45-3 3108-42-7	TRC, PBT
170	4,4'-isopropylidenediphenol (bisphenol A; BPA)	201-245-8	80-05-7	TRC, EDP
<b>15<sup>th</sup> SVHC in the Candidate List (2016.06)</b>				
169	Benzo[def]chrysene (Benzo[a]pyrene)	200-028-5	50-32-8	Carcinogenic Mutagenic TRC, PBT, vPvB
<b>14<sup>th</sup> SVHC in the Candidate List (2015.12)</b>				
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	206-801-3	375-95-1 21049-39-8 4149-60-4	TRC, PBT
167	1,3-Propanesultone	214-317-9	1120-71-4	Carcinogenic
166	2-(2H-Benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	253-037-1	36437-37-3	vPvB
165	2,4-Di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	223-383-8	3864-99-1	vPvB
164	Nitrobenzene	202-716-0	98-95-3	TRC
<b>13<sup>th</sup> SVHC in the Candidate List (2015.06)</b>				
163	5-sec-Butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5- methyl-1,3-dioxane [1], 5-sec-Butyl-2-(4,6-	--	--	vPvB

	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]			
162	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	271-094-0 272-013-1	68515-51-5 68648-93-1	TRC
<b>12<sup>th</sup> SVHC in the Candidate List (2014.12)</b>				
161	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	Carcinogenic Equivalent concern Mutagenic TRC
160	Cadmium fluoride	232-222-0	7790-79-6	Carcinogenic Equivalent concern Mutagenic TRC
159	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)	--	--	TRC
158	2-Ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	TRC
157	2-Benzotriazol-2-yl-4,6-di- <i>tert</i> -butylphenol (UV-320)	223-346-6	3846-71-7	PBT, vPvB
156	2-(2H-Benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	PBT, vPvB
<b>11<sup>th</sup> SVHC in the Candidate List (2014.06)</b>				
155	Sodium peroxometaborate	231-556-4	7632-04-4	TRC
154	Sodium perborate; Perboric acid, sodium salt	239-172-9, 234-390-0	--	TRC
153	Cadmium chloride	233-296-7	10108-64-2	Carcinogenic Equivalent concern Mutagenic TRC
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	TRC
<b>10<sup>th</sup> SVHC in the Candidate List (2013.12)</b>				
151	Imidazolidine-2-thione; 2-Imidazoline-2-thiol	202-506-9	96-45-7	TRC
150	Dihexyl phthalate (DnHP)	201-559-5	84-75-3	TRC
149	Trixylyl phosphate	246-677-8	25155-23-1	TRC
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	Carcinogenic
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
146	Lead di(acetate)	206-104-4	301-04-2	TRC
145	Cadmium sulphide	215-147-8	1306-23-6	Carcinogenic Equivalent concern
<b>9<sup>th</sup> SVHC in the Candidate List (2013.06)</b>				
144	Dipentyl phthalate (DPP)	205-017-9	131-18-0	TRC
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]	--	--	Equivalent concern
142	Ammonium pentadecafluorootanoate (APFO)	223-320-4	3825-26-1	TRC
141	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	TRC
140	Cadmium oxide	215-146-2	1306-19-0	Carcinogenic
139	Cadmium	231-152-8	7440-43-9	Carcinogenic Equivalent concern
<b>8<sup>th</sup> SVHC in the Candidate List (2012.12)</b>				
138	1-Bromopropane; <i>n</i> -Propyl bromide	203-445-0	106-94-5	TRC
137	N-Methylacetamide	201-182-6	79-16-3	TRC
136	<i>o</i> -Toluidine; 2-Aminotoluene	202-429-0	95-53-4	Carcinogenic

135	<i>o</i> -Aminoazotoluene	202-591-2	97-56-3	Carcinogenic
134	Biphenyl-4-ylamine ; 4-Aminobiphenyl	202-177-1	92-67-1	Carcinogenic
133	6-Methoxy- <i>m</i> -toluidine ( <i>p</i> -cresidine)	204-419-1	120-71-8	Carcinogenic
132	4-Methyl- <i>m</i> -phenylenediamine (2,4-Toluene-diamine)	202-453-1	95-80-7	Carcinogenic
131	4-Aminoazobenzene; 4-Phenylazoaniline	200-453-6	60-09-3	Carcinogenic
130	4,4'-Oxydianiline and its salts	202-977-0	101-80-4	Carcinogenic Mutagenic
129	4,4'-Methylenedi- <i>o</i> -toluidine	212-658-8	838-88-0	Carcinogenic
128	Dinoseb	201-861-7	88-85-7	TRC
127	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	TRC
126	Dimethyl sulphate	201-058-1	77-78-1	Carcinogenic
125	Diethyl sulphate	200-589-6	64-67-5	Carcinogenic Mutagenic
124	Propylene oxide; 1,2-Epoxypropane; Methyloxirane	200-879-2	75-56-9	Carcinogenic Mutagenic
123	Furan	203-727-3	110-00-9	Carcinogenic
122	Trilead dioxide phosphonate	235-252-2	12141-20-7	TRC
121	Tetralead trioxide sulphate	235-380-9	12202-17-4	TRC
120	Tetraethyllead	201-075-4	78-00-2	TRC
119	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	TRC
118	Silicic acid, lead salt	234-363-3	11120-22-2	TRC
117	Silicic acid, barium salt, lead-doped	272-271-5	68784-75-8	TRC
116	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	TRC
115	Pentalead tetraoxide sulphate	235-067-7	12065-90-6	TRC
114	Lead titanium zirconium oxide	235-727-4	12626-81-2	TRC
113	Lead titanium trioxide	235-038-9	12060-00-3	TRC
112	Lead tetroxide (Orange lead)	215-235-6	1314-41-6	TRC
111	Lead oxide (Lead monoxide)	215-267-0	1317-36-8	TRC
110	Lead dinitrate	233-245-9	10099-74-8	TRC
109	Lead cyanidate	244-073-9	20837-86-9	TRC
108	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5	TRC
107	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	TRC
106	Dioxobis(stearato)trilead	235-702-8	12578-12-0	TRC
105	[Phthalato(2-)]dioxotrilead (Dibasic lead phthalate)	273-688-5	69011-06-9	TRC
104	Lead oxide sulfate (Basic lead sulfate)	234-853-7	12036-76-9	TRC
103	Basic lead carbonate (Trilead bis(carbonate) dihydroxide)	215-290-6	1319-46-6	TRC
102	Acetic acid, lead salt, basic	257-175-3	51404-69-4	TRC
101	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1	TRC
100	N,N-Dimethylformamide; Dimethyl formamide (DMFA)	200-679-5	68-12-2	TRC
99	1,2-Diethoxyethane	211-076-1	629-14-1	TRC
98	<i>n</i> -Pentyl- <i>iso</i> -pentyl phthalate (PIPP)	--	776297-69-9	TRC
97	Diisopentyl phthalate (DIPP)	210-088-4	605-50-5	TRC
96	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear (PIPP)	284-032-2	84777-06-0	TRC
95	Methoxy acetic acid	210-894-6	625-45-6	TRC
94	Hexahydromethylphthalic anhydride (MHHPA-1) Hexahydro-4-methylphthalic anhydride (MHHPA-2) Hexahydro-1-methylphthalic anhydride (MHHPA-3) Hexahydro-3-methylphthalic anhydride (MHHPA-4)	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 concern
93	Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA)	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	Equivalent concern
92	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	Equivalent concern
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 concern
90	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated - covering well-defined substances and UVCB substances, polymers and homologues	--	--	Equivalent concern
89	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7	vPvB
88	Henicosafuoroundecanoic acid	218-165-4	2058-94-8	vPvB

87	Tricosafuorododecanoic acid	206-203-2	307-55-1	vPvB
86	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	vPvB
85	Bis(pentabromophenyl) ether (DecaBDE)	214-604-9	1163-19-5	PBT, vPvB
<b>7<sup>th</sup> SVHC in the Candidate List (2012.06)</b>				
84	$\alpha, \alpha$ -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	Carcinogenic
83	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
82	{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
81	{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	Carcinogenic
80	N,N,N',N'-Tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	Carcinogenic
79	4,4'-Bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	Carcinogenic
78	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	Mutagenic
77	1,3,5-Tris(oxiranylmethyl)-1,3,5-triazine- 2,4,6(1H,3H,5H)-trione (TGIC)	219-514-3	2451-62-9	Mutagenic
76	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	TRC
75	Formamide	200-842-0	75-12-7	TRC
74	Diboron trioxide	215-125-8	1303-86-2	TRC
73	1,2-Dimethoxyethane; Ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	TRC
72	1,2-Bis(2-methoxyethoxy)ethane (TEGDME; Triglyme)	203-977-3	112-49-2	TRC
<b>6<sup>th</sup> SVHC in the Candidate List (2011.12)</b>				
71	Lead dipicrate	229-335-2	6477-64-1	TRC
70	Lead styphnate	239-290-0	15245-44-0	TRC
69	Lead azide (Lead diazide)	236-542-1	13424-46-9	TRC
68	Phenolphthalein	201-004-7	77-09-8	Carcinogenic
67	4,4'-Methylenebis(2-chloroaniline) (MOCA)	202-918-9	101-14-4	Carcinogenic
66	N,N-Dimethylacetamide (DMAC)	204-826-4	127-19-5	TRC
65	Trilead diarsenate	222-979-5	3687-31-8	Carcinogenic TRC
64	Calcium arsenate	231-904-5	7778-44-1	Carcinogenic
63	Arsenic acid	231-901-9	7778-39-4	Carcinogenic
62	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	TRC
61	1,2-Dichloroethane	203-458-1	107-06-2	Carcinogenic
60	4-(1,1,3,3-Tetramethylbutyl)phenol, (4-tert-Octylphenol)	205-426-2	140-66-9	PBT, vPvB
59	2-Methoxyaniline (o-Anisidine)	201-963-1	90-04-0	Carcinogenic
58	Bis(2-methoxyethyl)phthalate(DMEP)	204-212-6	117-82-8	TRC
57	Zirconia aluminosilicate refractory ceramic fibres (Zr- RCF)	--	--	Carcinogenic
56	Aluminosilicate refractory ceramic fibres (RCF)	--	--	Carcinogenic
55	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	Carcinogenic
54	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	Carcinogenic
53	Potassium hydroxyoctaoxidizincatedi-chromate	234-329-8	11103-86-9	Carcinogenic
52	Dichromium tris(chromate)	246-356-2	24613-89-6	Carcinogenic
<b>5<sup>th</sup> SVHC in the Candidate List (2011.06)</b>				
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	276-158-1	71888-89-6	TRC
50	1,2,3-Trichloropropane	202-486-1	96-18-4	Carcinogenic TRC
49	1-Methyl-2-pyrrolidone (NMP)	212-828-1	872-50-4	TRC
48	Hydrazine	206-114-9	7803-57-8 302-01-2	Carcinogenic
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNU)	271-084-6	68515-42-4	TRC
46	Strontium chromate	232-142-6	7789-06-2	Carcinogenic



45	2-Ethoxyethyl acetate (2-EEA)	203-839-2	111-15-9	TRC
<b>4<sup>th</sup> SVHC in the Candidate List (2010.12)</b>				
44	Acids generated from chromium trioxide 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 --	Carcinogenic
43	Chromium trioxide	215-607-8	1333-82-0	Carcinogenic Mutagenic
42	2-Ethoxyethanol	203-804-1	110-80-5	TRC
41	2-Methoxyethanol	203-713-7	109-86-4	TRC
40	Cobalt(II) diacetate	200-755-8	71-48-7	Carcinogenic TRC
39	Cobalt(II) carbonate	208-169-4	513-79-1	Carcinogenic TRC
38	Cobalt(II) dinitrate	233-402-1	10141-05-6	Carcinogenic TRC
37	Cobalt(II) sulphate	233-334-2	10124-43-3	Carcinogenic TRC
<b>3<sup>rd</sup> SVHC in the Candidate List (2010.03)</b>				
36	Potassium dichromate	231-906-6	7778-50-9	Carcinogenic Mutagenic TRC
35	Ammonium dichromate	232-143-1	7789-09-5	Carcinogenic Mutagenic TRC
34	Potassium chromate	232-140-5	7789-00-6	Carcinogenic Mutagenic
33	Sodium chromate	231-889-5	7775-11-3	Carcinogenic Mutagenic TRC
32	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	TRC
31	Disodium tetraborate, anhydrous	215-540-4	1330-43-4 12179-04-3 1303-96-4	TRC
30	Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1	TRC
29	Trichloroethylene	201-167-4	79-01-6	Carcinogenic
<b>2<sup>nd</sup> SVHC in the Candidate List (2009.09)</b>				
28	Tris(2-chloroethyl) phosphate (TCEP)	204-118-5	115-96-8	TRC
27	Lead sulfochromate yellow (C.I. Pigment yellow 34)	215-693-7	1344-37-2	Carcinogenic TRC
26	Lead chromate molybdate sulphate red (C.I. Pigment red 104)	235-759-9	12656-85-8	Carcinogenic TRC
25	Lead chromate	231-846-0	7758-97-6	Carcinogenic TRC
24	Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	TRC, EDP
23	2,4-Dinitrotoluene	204-450-0	121-14-2	Carcinogenic
22	Acrylamide	201-173-7	79-06-1	Carcinogenic Mutagenic
21	Coal tar pitch, high temp.	266-028-2	65996-93-2	PBT, vPvB, Carcinogenic
20	Anthracene oil, anthracene paste	292-603-2	90640-81-6	PBT, vPvB, Carcinogenic Mutagenic
19	Anthracene oil, anthracene-low	292-604-8	90640-82-7	PBT, vPvB, Carcinogenic Mutagenic
18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	PBT, vPvB, Carcinogenic Mutagenic
17	Anthracene oil, anthracene paste, distn. Light	295-278-5	91995-17-4	PBT, vPvB, Carcinogenic Mutagenic
16	Anthracene oil	292-602-7	90640-80-5	PBT, vPvB
<b>1<sup>st</sup> SVHC in the Candidate List (2008.10)</b>				
15	Short chain chlorinated parafins (C10-13)	287-476-5	85535-84-8	PBT
14	Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	TRC, EDP
13	Hexabromocyclododecane (HBCDD)	247-148-4	25637-99-4	PBT

		221-695-9	3194-55-6 134237-50-6 134237-51-7 134237-52-8	
12	Bis(2-ethylhexyl) phthalate (DEHP)	204-211-0	117-81-7	TRC, EDP
11	5- <i>tert</i> -Butyl-2,4,6-trinitro- <i>m</i> -xylene (musk xylene)	201-329-4	81-15-2	vPvB
10	Dibutyl phthalate (DBP)	201-557-4	84-74-2	TRC, EDP
9	4,4'-Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	Carcinogenic
8	Anthracene	204-371-1	120-12-7	PBT
7	Bis (tributyltin)oxide (TBTO)	200-268-0	56-35-9	PBT
6	Sodium dichromate, dihydrate	234-190-3	7789-12-0	Carcinogenic Mutagenic TRC
5	Triethyl arsenate	427-700-2	15606-95-8	Carcinogenic
4	Lead hydrogen arsenate	232-064-2	7784-40-9	Carcinogenic TRC
3	Diarsenic trioxide	215-481-4	1327-53-3	Carcinogenic
2	Diarsenic pentaoxide	215-116-9	1303-28-2	Carcinogenic
1	Cobalt dichloride	231-589-4	7646-79-9	Carcinogenic Mutagenic

**Note :**

This list is provided as a reference; the official Candidate List of SVHC for Authorization is posted on the ECHA website:  
<http://echa.europa.eu/web/quest/candidate-list-table>