



REACH SVHC Candidate List & Product Content (Negative)

Cermate, the global ePlatform Service Provider, pursues its social responsibility for global environmental preservation by committing to be compliant with REACH regulation (REGULATION (EC) No 1907/2006).

The European Union's REACH regulation (The Registration, Evaluation, Authorization and Restriction of Chemicals) places obligations as manufacturers, importers and downstream users of chemical substances and preparations. At this time, Cermate is not aware of any products manufactured by Cermate that would require substance registration and notification under REACH Articles 6 and 7.

We are aware that the substances included in the REACH Authorization list Annex XIV shall not be placed on the market after their sunset date. We declare that none of the substances subject to Annex XIV restrictions is present in Cermate's product. (valid for all manufacturers located in EU):

<https://echa.europa.eu/authorisation-list>

In Annex XVII of REACH, dangerous substances are listed in total to explain the restrictions on purpose of potential use and the conditions of producing, using, and consuming when placing in the EU market. We declare that none of the substances subject to Annex XVII restrictions is present in Cermate's product.

The detailed content of the regulations shall be according to the publication on EU's websites:

<https://echa.europa.eu/substances-restricted-under-reach>

We also are aware that Article 33 of REACH requires suppliers to inform the recipients and consumers if a purchased article contains more than 0.1%(by weight per article) of any substance(s) on the candidate list of substances of Very High Concern (SVHC). Except for the SVHC listed in Annex 1, the other SVHC are not present above 0.1% by weight in article of product listed above.

Current number of substances in the SVHC candidate list = 205

Candidate list, last updated: Jan 2020

Please refer to Annex 2 or EU's websites:

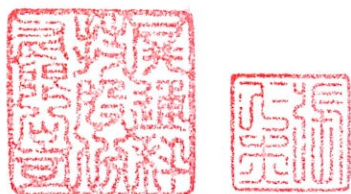
<https://echa.europa.eu/web/guest/candidate-list-table>

If you have any questions concerning this letter, please contact your Cermate Representative. We will continue to monitor the status of future REACH SVHC candidate lists as part of our on-going compliance activities.

Sincerely,

Cermate Technologies Inc.

service@cermate.com



Annex 1 – REACH SVHCs – Present above 0.1 wt% in article of Cermate products

Date of ECHA inclusion	Substance	CAS Number	EC Number	Typical Use
2012/06/18	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	Battery
2012/12/19	Lead monoxide (lead oxide)	1317-36-8	215-267-0	The Product are RoHS Compliant with Exemption 7(c)-I
2012/12/19	Lead titanium trioxide	12060-00-3	235-038-9	The Product are RoHS Compliant with Exemption 7(c)-I; 7(c)-II
2017/1/12	4,4'-isopropylidenediphenol (Bisphenol A; BPA)	80-05-7	201-245-8	SDRAM; RAM Module; HDD; SSD
2018/6/27	Lead	7439-92-1	231-100-4	The Product are RoHS Compliant with Exemption 6(a)-I; 6(b)-II; 6(c); 7(a); 7(c)-I; 15(a)
2012/12/10	Lead titanium zirconium oxide	12626-81-2	235-727-4	HDD; SSD
2020/1/16	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	PCB

RoHS Exemption

RoHS Exemption	Description
6(a)-I	Lead as an alloying element in steel for machining purposes containing up to 0.35 percent lead by weight and in batch hot dip galvanized steel components containing up to 0.2 percent lead by weight
6(b)-II	Lead as an alloying element in aluminium for machining purposes with a lead content up to 0,4 % by weight
6(c)	Copper alloy containing up to 4 % lead by weight
7(a)	Lead in high melting temperature type solders (i.e. lead-based alloys containing 85 % by weight or more lead)
7(c)-I	Electrical and electronic components containing lead in a glass or ceramic other than dielectric ceramic in capacitors, e.g. piezoelectronic devices, or in a glass or ceramic matrix compound
7(c)-II	Lead in dielectric ceramic in capacitors for a rated voltage of 125 V AC or 250 V DC or higher
15(a)	Lead (Pb) in solders to complete a viable electrical connection between the semiconductor die and carrier within integrated circuit flip chip packages where at least one of the following criteria applies: <ul style="list-style-type: none"> - a semiconductor technology node of 90 nm or larger; - a single die of 300 mm² or larger in any semiconductor technology node; - stacked die packages with die of 300 mm² or larger, or silicon interposers of 300 mm² or larger.

Annex 2 – Candidate list of SVHC published by ECHA

Item	Date of inclusion	Substances	CAS Number	EC Number	Candidate list
1	2008/10/28	Anthracene	120-12-7	204-371-1	1th SVHC
2	2008/10/28	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	1th SVHC
3	2008/10/28	Dibutyl phthalate	84-74-2	201-557-4	1th SVHC
4	2008/10/28;2011/6/20	Cobalt dichloride	7646-79-9	231-589-4	1th ;5th SVHC
5	2008/10/28	Diarsenic pentaoxide	1303-28-2	215-116-9	1th SVHC
6	2008/10/28	Diarsenic trioxide	1327-53-3	215-481-4	1th SVHC
7	2008/10/28	Sodium dichromate, dihydrate	7789-12-0; 10588-01-9	234-190-3	1th SVHC
8	2008/10/28	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	1th SVHC
9	2008/10/28	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	1th SVHC

10	2008/10/28	Hexabromocyclododecane (HBCDD)	25637-99-4; 3194-55-6; 134237-50-6; 134237-51-7; 134237-52-8	247-148-4 221-695-9 and	1th SVHC
11	2008/10/28	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	1th SVHC
12	2008/10/28	Bis(tributyltin)oxide	56-35-9	200-268-0	1th SVHC
13	2008/10/28	Lead hydrogen arsenate	7784-40-9	232-064-2	1th SVHC
14	2008/10/28	Triethyl arsenate	15606-95-8	427-700-2	1th SVHC
15	2008/10/28	Benzyl butyl phthalate	85-68-7	201-622-7	1th SVHC
16	2010/1/13	Anthracene oil	90640-80-5	292-602-7	2th SVHC
17	2010/1/13	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	2th SVHC
18	2010/1/13	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	2th SVHC
19	2010/1/13	Anthracene oil, anthracene-low	90640-82-7	292-604-8	2th SVHC
20	2010/1/13	Anthracene oil, anthracene paste	90640-81-6	292-603-2	2th SVHC
21	2010/1/13	Pitch, coal tar, high temp	65996-93-2	266-028-2	2th SVHC
22	2010/3/30	Acrylamide	79-06-1	201-173-7	2th SVHC
23	2010/1/13	2,4-Dinitrotoluene	121-14-2	204-450-0	2th SVHC
24	2010/1/13	Diisobutyl phthalate	84-69-5	201-553-2	2th SVHC
25	2010/1/13	Lead chromate	7758-97-6	231-846-0	2th SVHC
26	2010/1/13	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	2th SVHC
27	2010/1/13	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	2th SVHC
28	2010/1/13	tris(2-chloroethyl)phosphate	115-96-8	204-118-5	2th SVHC
29	2010/6/18	Trichloroethylene	79-01-6	201-167-4	3th SVHC
30	2010/6/18	Boric acid	10043-35-3 ; 11113-50-1	233-139-2, 234-343-4	3th SVHC
31	2010/6/18	Disodium tetraborate, anhydrous	1303-96-4, 1330-43-4, 12179-04-3	215-540-4	3th SVHC
32	2010/6/18	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	3th SVHC
33	2010/6/18	Sodium chromate	7775-11-3	231-889-5	3th SVHC
34	2010/6/18	Potassium chromate	7789-00-6	232-140-5	3th SVHC
35	2010/6/18	Ammonium dichromate	7789-09-5	232-143-1	3th SVHC
36	2010/6/18	Potassium dichromate	7778-50-9	231-906-6	3th SVHC
37	2010/12/15	Cobalt(II) sulphate	10124-43-3	233-334-2	4th SVHC
38	2010/12/15	Cobalt(II) dinitrate	10141-05-6	233-402-1	4th SVHC
39	2010/12/15	Cobalt(II) carbonate	513-79-1	208-169-4	4th SVHC
40	2010/12/15	Cobalt(II) diacetate	71-48-7	200-755-8	4th SVHC
41	2010/12/15	2-Methoxyethanol	109-86-4	203-713-7	4th SVHC
42	2010/12/15	2-Ethoxyethanol	110-80-5	203-804-1	4th SVHC

43	2010/12/15	Chromium trioxide	1333-82-0	215-607-8	4th SVHC
44	2010/12/15	Acids generated from chromium trioxide and chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2 -	231-801-5,236-881-5	4th SVHC
45	2011/6/20	(2-ethoxyethyl acetate	111-15-9	203-839-2	5th SVHC
46	2011/6/20	strontium chromate	7789-06-2	232-142-6	5th SVHC
47	2011/6/20	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	5th SVHC
48	2011/6/20	Hydrazine	7803-57-8 302-01-2	206-114-9	5th SVHC
49	2011/6/20	1-methyl-2-pyrrolidone	872-50-4	212-828-1	5th SVHC
50	2011/6/20	1,2,3-trichloropropane	96-18-4	202-486-1	5th SVHC
51	2011/6/20	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	5th SVHC
52	2011/12/19	Dichromium tris(chromate)	24613-89-6	246-356-2	6th SVHC
53	2011/12/19	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8	6th SVHC
54	2011/12/19	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	6th SVHC
55	2011/12/19	Aluminosilicate Refractory Ceramic Fibres (RCF) are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation	-		6th SVHC
56	2011/12/19	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF) are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.1 of Regulation	-		6th SVHC
57	2011/12/19	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	6th SVHC
58	2011/12/19	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	6th SVHC
59	2011/12/19	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	6th SVHC
60	2011/12/19	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	6th SVHC
61	2011/12/19	1,2-Dichloroethane	107-06-2	203-458-1	6th SVHC
62	2011/12/19	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	6th SVHC
63	2011/12/19	Arsenic acid	7778-39-4	231-901-9	6th SVHC
64	2011/12/19	Calcium arsenate	7778-44-1	231-904-5	6th SVHC
65	2011/12/19	Trilead diarsenate	3687-31-8	222-979-5	6th SVHC
66	2011/12/19	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	6th SVHC
67	2011/12/19	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	6th SVHC
68	2011/12/19	Phenolphthalein	77-09-8	201-004-7	6th SVHC
69	2011/12/19	Lead azide Lead diazide	13424-46-9	236-542-1	6th SVHC
70	2011/12/19	Lead styphnate	15245-44-0	239-290-0	6th SVHC
71	2011/12/19	Lead dipicrate	6477-64-1	229-335-2	6th SVHC
72	2012/6/18	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	7th SVHC

73	2012/6/18	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	7th SVHC
74	2012/6/18	Diboron trioxide	1303-86-2	215-125-8	7th SVHC
75	2012/6/18	Formamide	75-12-7	200-842-0	7th SVHC
76	2012/6/18	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	7th SVHC
77	2012/6/18	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione)	2451-62-9	219-514-3	7th SVHC
78	2012/6/18	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	423-400-0	7th SVHC
79	2012/6/18	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	7th SVHC
80	2012/6/18	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	7th SVHC
81	2012/6/18	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	7th SVHC
82	2012/6/18	[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	219-943-6	7th SVHC
83	2012/6/18	α,α -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	7th SVHC

84	2012/6/18	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	7th SVHC
85	2012/12/19	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	8th SVHC
86	2012/12/19	6-methoxy-m-toluidine (p-cresidine) (2-Methoxy-5-methylaniline)	120-71-8	204-419-1	8th SVHC
87	2012/12/19	1.Hexahydromethylphthalic anhydride 2.Hexahydro-4-methylphthalic anhydride 3.Hexahydro-1-methylphthalic anhydride 4.Hexahydro-3-methylphthalic anhydride	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	8th SVHC
88	2012/12/19	1.Cyclohexane-1,2-dicarboxylic anhydride (Hexahydrophthalic anhydride - HHPA) 2.cis-cyclohexane-1,2-dicarboxylic anhydride 3.trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	8th SVHC
89	2012/12/19	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	8th SVHC
90	2012/12/19	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	8th SVHC
91	2012/12/19	Lead dinitrate	10099-74-8	233-245-9	8th SVHC
92	2012/12/19	Silicic acid, lead salt	11120-22-2	234-363-3	8th SVHC
93	2012/12/19	4-Aminoazobenzene	60-09-3	200-453-6	8th SVHC
94	2012/12/19	Lead titanium zirconium oxide	12626-81-2	235-727-4	8th SVHC
95	2012/12/19	Lead monoxide (lead oxide)	1317-36-8	215-267-0	8th SVHC
96	2012/12/19	o-Toluidine	95-53-4	202-429-0	8th SVHC
97	2012/12/19	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	8th SVHC
98	2012/12/19	Silicic acid (H ₂ SiO ₅), barium salt (1:1), lead-doped [with lead (Pb) content above the applicable generic concentration limit for 'toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	8th SVHC
99	2012/12/19	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	8th SVHC
100	2012/12/19	Furan	110-00-9	203-727-3	8th SVHC
101	2012/12/19	N,N-dimethylformamide	68-12-2	200-679-5	8th SVHC
102	2012/12/19	4-(1,1,3,3-tetramethylbutyl)phenol,ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	8th SVHC
103	2012/12/19	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]	-	-	8th SVHC
104	2012/12/19	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	8th SVHC
105	2012/12/19	Diethyl sulphate	64-67-5	200-589-6	8th SVHC

106	2012/12/19	Dimethyl sulphate	77-78-1	201-058-1	8th SVHC
107	2012/12/19	Lead oxide sulfate	12036-76-9	234-853-7	8th SVHC
108	2012/12/19	Lead titanium trioxide	12060-00-3	235-038-9	8th SVHC
109	2012/12/19	Acetic acid, lead salt, basic	51404-69-4	257-175-3	8th SVHC
110	2012/12/19	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	8th SVHC
111	2012/12/19	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	8th SVHC
112	2012/12/19	N-methylacetamide	79-16-3	201-182-6	8th SVHC
113	2012/12/19	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	8th SVHC
114	2012/12/19	1,2-Diethoxyethane	629-14-1	211-076-1	8th SVHC
115	2012/12/19	Tetralead trioxide sulphate	12202-17-4	235-380-9	8th SVHC
116	2012/12/19	N-pentyl-isopentylphthalate	776297-69-9	-	8th SVHC
117	2012/12/19	Dioxobis(stearato)trilead	12578-12-0	235-702-8	8th SVHC
118	2012/12/19	Tetraethyllead	78-00-2	201-075-4	8th SVHC
119	2012/12/19	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	8th SVHC
120	2012/12/19	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	8th SVHC
121	2012/12/19	Tricosafuorododecanoic acid	307-55-1	206-203-2	8th SVHC
122	2012/12/19	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	8th SVHC
123	2012/12/19	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	8th SVHC
124	2012/12/19	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	8th SVHC
125	2012/12/19	Methoxyacetic acid	625-45-6	210-894-6	8th SVHC
126	2012/12/19	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	8th SVHC
127	2012/12/19	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	8th SVHC
128	2012/12/19	Trilead dioxide phosphonate	12141-20-7	235-252-2	8th SVHC
129	2012/12/19	o-aminoazotoluene	97-56-3	202-591-2	8th SVHC
130	2012/12/19	1,2-Benzenedicarboxylic acid, branched and linear dipentylester,	84777-06-0	284-032-2	8th SVHC
131	2012/12/19	4,4'-oxydianiline and its salts	101-80-4	202-977-0	8th SVHC
132	2012/12/19	Orange lead (lead tetroxide)	1314-41-6	215-235-6	8th SVHC
133	2012/12/19	Biphenyl-4-ylamine	92-67-1	202-177-1	8th SVHC
134	2012/12/19	Diisopentylphthalate(DIPP)	605-50-5	210-088-4	8th SVHC
135	2012/12/19	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	8th SVHC
136	2012/12/19	Diazene-1,2-dicarboxamide azodi(formamide)) (C,C'-	123-77-3	204-650-8	8th SVHC
137	2012/12/19	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	8th SVHC
138	2012/12/19	Lead cyanamidate	20837-86-9	244-073-9	8th SVHC
139	2013/6/20	Cadmium	7440-43-9	231-152-8	9th SVHC
140	2013/6/20	Cadmium oxide	1306-19-0	215-146-2	9th SVHC
141	2013/6/20	Ammoniumpentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	9th SVHC
142	2013/6/20	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	9th SVHC
143	2013/6/20	Dipentyl phthalate (DPP)	131-18-0	205-017-9	9th SVHC

144	2013/6/20	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]	–	–	9th SVHC
145	2013/12/16	Cadmium sulphide	1306-23-6	215-147-8	10th SVHC
146	2013/12/16	Diethyl phthalate	84-75-3	201-559-5	10th SVHC
147	2013/12/16	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)	573-58-0	209-358-4	10th SVHC
148	2013/12/16	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	217-710-3	10th SVHC
149	2013/12/16	Imidazolidine-2-thione; (2-imidazoline-2-thiol)	96-45-7	202-506-9	10th SVHC
150	2013/12/16	Lead di(acetate)	301-04-2	206-104-4	10th SVHC
151	2013/12/16	Triethyl phosphate	25155-23-1	246-677-8	10th SVHC
152	2014/6/16	1,2-Benzenedicarboxylic acid, diethyl ester, branched and linear	68515-50-4	271-093-5	11th SVHC
153	2014/6/16	Sodium perborate; perboric acid, sodium salt	–	239-172-9, 234-390-0	11th SVHC
154	2014/6/16	Sodium peroxometaborate	7632-04-4	231-556-4	11th SVHC
155	2014/6/16	Cadmium chloride	10108-64-2	233-296-7	11th SVHC
156	2014/12/17	Cadmium fluoride	7790-79-6	232-222-0	12th SVHC
157	2014/12/17	Cadmium sulphate	10124-36-4; 31119-53-6	233-331-6	12th SVHC
158	2014/12/17	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	12th SVHC
159	2014/12/17	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	12th SVHC
160	2014/12/17	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	12th SVHC
161	2014/12/17	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)	–	–	12th SVHC
162	2015/6/15	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	68515-51-5; 68648-93-1	271-094-0 272-013-1	13th SVHC

163	2015/6/15	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]	–	–	13th SVHC
164	2015/12/17	Nitrobenzene	98-95-3	202-716-0	14th SVHC
165	2015/12/17	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	14th SVHC
166	2015/12/17	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	14th SVHC
167	2015/12/17	1,3-propanesultone	1120-71-4	214-317-9	14th SVHC
168	2015/12/17	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1;21049-39-8;4149-60-4	206-801-3	14th SVHC
169	2016/6/20	Benzo[a]pyrene	50-32-8	200-028-5	15th SVHC
171	2016/12/19	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]	–	–	16th SVHC
172	2016/12/19	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7;335-76-2;3830-45-3	–;206-400-3;221-470-5	16th SVHC
173	2016/12/19	對 (1,1- 二 甲 基 丙 基) 苯 酚 p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	16th SVHC
170	2016/12/19 2017/7/7	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	16th 17th SVHC
174	2017/7/7	Perfluorohexane-1-sulphonic acid and its salts(PFHxS)	355-46-4	206-587-1	17th SVHC
175	2018/1/15	Chrysene	218-01-9	205-923-4	18th SVHC
176	2018/1/15	Benz[a]anthracene	56-55-3	200-280-6	18th SVHC
177	2018/1/15	Cadmium nitrate	10325-94-7	233-710-6	18th SVHC
178	2018/1/15	Cadmium hydroxide	21041-95-2	244-168-5	18th SVHC
179	2018/1/15	Cadmium carbonate	513-78-0	208-168-9	18th SVHC
180	2018/1/15	Dechlorane Plus	–	–	18th SVHC
181	2018/1/15	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]	–	–	18th SVHC
182	2018/6/27	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	19th SVHC
183	2018/6/27	Benzo[ghi]perylene	191-24-2	205-883-8	19th SVHC
184	2018/6/27	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	19th SVHC
185	2018/6/27	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	19th SVHC
186	2018/6/27	Disodium octaborate	12008-41-2	234-541-0	19th SVHC
187	2018/6/27	Dodecamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	19th SVHC

188	2018/6/27	Ethylenediamine (EDA)	107-15-3	203-468-6	19th SVHC
189	2018/6/27	Lead	7439-92-1	231-100-4	19th SVHC
190	2018/6/27	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	19th SVHC
191	2018/6/27	Terphenyl, hydrogenated	61788-32-7	262-967-7	19th SVHC
192	2019/1/15	1,7,7-trimethyl-3-(phenylmethylene) bicyclo[2.2.1]heptan-2-one (3-benzylidene camphor)	15087-24-8	239-139-9	20th SVHC
193	2019/1/15	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	20th SVHC
194	2019/1/15	Benzo[k]fluoranthene	207-08-9	205-916-6	20th SVHC
195	2019/1/15	Fluoranthene	206-44-0; 93951-69-0	205-912-4	20th SVHC
196	2019/1/15	Phenanthrene	85-01-8	201-581-5	20th SVHC
197	2019/1/15	Pyrene	129-00-0; 1718-52-1	204-927-3	20th SVHC
198	2019/7/16	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides (covering any of their individual isomers and combinations thereof)	—	—	21th SVHC
199	2019/7/16	2-methoxyethyl acetate	110- 49-6	203- 772-9	21th SVHC
200	2019/7/16	4-tert-butylphenol(PTBP)	98- 54-4	202- 679-0	21th SVHC
201	2019/7/16	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	—	—	21th SVHC
202	2020/1/16	Perfluorobutane sulfonic acid (PFBS) and its salts			22th SVHC
203	2020/1/16	Diisohexyl phthalate	71850-09-4	276-090-2	22th SVHC
204	2020/1/16	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-600-6	22th SVHC
205	2020/1/16	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1	404-360-3	22th SVHC