



CERTIFICATE OF COMPLIANCE – REACH Compliance Declaration

Phihong Technology Co., Ltd.

No.568,Fuxing 3rd Rd., Guishan Dist., Taoyuan City (33383),Taiwan, R.O.C.

+886-3-3277288

Phihong's Model list products will contain the substance of Lead of SVHC in normal or reasonable and foreseeable conditions of usage.

However, the Lead (CAS No. 7439-92-1, SVHC-19th) will be used in copper alloy metal and High temperature solder of plug pin, copper alloy wire, and diode products.

Boron oxide (CAS No. 1303-86-2, SVHC-7th) will be used in the internal part process (glass deformer) with a capacitor electrode, and the final part does not contain this substance.

The Methyl-4'-(methylthio)-2-morpholinopropiophenone (CAS No.71868-10-5) will be use in the ink or Solder mask (Type: H-910) on the PCB or CAP, this substance concentration less than 0.1% in the printed.

Due to "Notification" of SVHC to ECHA, it's required the following conditions are met:

- (a) The substance is present in those components which total quantity is over 1 ton per producer or importer per year, and;
- (b) The substance is present in those components with a concentration of 0.1% or above the article by weight.

According to REACH requirement, we declare:

The SVHC substances (annex XIV) and Restrictions substance (annex XVII) are included in the REACH.

Phihong's products meet the restrictions substance (annex XVII).

Regarding to annex XIV that the substance of Lead (CAS No. 7439-92-1, SVHC-19th) will be over 0.1% (SVHC/ component), w/w) which are used in plug pin, copper alloy wire and diodes by each component in products.

Deputy Deputy Director

A handwritten signature in blue ink, appearing to be a stylized name, is written vertically over the text "Deputy Deputy Director".

Date: 2021/05/24

REACH SVHC Substance

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC1	1	Triethyl arsenate	15606-95-8	427-700-2	2008/10/28
	2	Anthracene	120-12-7	204-371-1	2008/10/28
	3	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4	2008/10/28
	4	Dibutyl phthalate (DBP)	84-74-2	201-557-4	2008/10/28 2014/12/17
	5	Cobalt dichloride	7646-79-9	231-589-4	2008/10/28
	6	Diarsenic pentaoxide	1303-28-2	215-116-9	2008/10/28
	7	Diarsenic trioxide	1327-53-3	215-481-4	2008/10/28
	8	Sodium dichromate	7789-12-0, 10588-01-9		2008/10/28
	9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	2008/10/28
	10	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	2008/10/28 2014/12/17
	11	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8	247-148-4, 221-695-9	2008/10/28
	12	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	2008/10/28
	13	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	2008/10/28
	14	Lead hydrogen arsenate	7784-40-9	232-064-2	2008/10/28
	15	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	2008/10/28 2014/12/17

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC2	16	Anthracene oil	90640-80-5	292-602-7	2009/12/18
	17	Anthracene oil, anthracene paste, distn. lights *	91995-17-4	295-278-5	2009/12/18
	18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-278-9	2009/12/18
	19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	2009/12/18
	20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	2009/12/18
	21	Coal tar pitch, high temperature	65996-93-2	266-028-2	2009/12/18
	22	2,4-Dinitrotoluene	121-14-2	204-450-0	2009/12/18
	23	Diisobutyl phthalate	84-69-5	201-553-2	2009/12/18
	24	Lead chromate	7758-97-6	231-846-0	2009/12/18
	25	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	2009/12/18
	26	Lead chromate molybdate sulphate red (C.I.	12656-85-8	235-759-9	2009/12/18

		Pigment Red 104)			
	27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	2009/12/18
	28	Acrylamide	79-06-1	201-173-7	2009/12/18

	No.	Substance name	CAS No.	EC No	Date of inclusion
SVHC3	29	Sodium chromate	7775-11-3	231-889-5	2010/08/03
	30	Ammonium dichromate	7789-09-5	232-143-1	2010/08/03
	31	Potassium dichromate	7778-50-9	231-906-6	2010/08/03
	32	Potassium chromate	7789-00-6	232-140-5	2010/08/03
	33	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	2010/08/03
	34	Disodium tetraborate, anhydrous	1330-43-4 1303-96-4 12179-04-3	215-540-4	2010/08/03
	35	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	2010/08/03
	36	Trichloroethylene	79-01-6	201-167-4	2010/08/03

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC4	37	Cobalt(II) sulphate	10124-43-3	233-334-2	2010/12/15
	38	Cobalt(II) dinitrate	10141-05-6	233-402-1	2010/12/15
	39	Cobalt(II) carbonate	513-79-1	208-169-4	2010/12/15
	40	Cobalt(II) diacetate	71-48-7	200-755-8	2010/12/15
	41	2-Methoxyethanol	109-86-4	203-713-7	2010/12/15
	42	2-Ethoxyethanol	110-80-5	203-804-1	2010/12/15
	43	Chromium trioxide	1333-82-0	215-607-8	2010/12/15
	44	Acids generated from chromium trioxide and their oligomers: Chromic acid Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	-	12.15.2010

	No.	Substance name	CAS No.	EC No.	Date of
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					inclusion
SVHC5	45	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	2011/06/20
	46	1,2,3-trichloropropane	96-18-4	202-486-1	2011/06/20
	47	1-methyl-2-pyrrolidone	872-50-4	212-828-1	2011/06/20
	48	Hydrazine	7803-57-8 302-01-2	206-114-9	2011/06/20
	49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	276-158-1	2011/06/20
	50	Strontium chromate	7789-06-2	232-142-6	2011/06/20
	51	2-ethoxyethyl acetate	111-15-9	203-839-2	2011/06/20

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC6	52	Dichromium tris(chromate)	24613-89-6	246-356-2	2011/11/19
	53	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8	2011/11/19
	54	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	2011/11/19
	55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-		2011/11/19
	56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-		2011/11/19
	57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1	2011/11/19
	58	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	2011/11/19
	59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	2011/11/19
	60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2	2011/11/19
	61	1,2-Dichloroethane	107-06-2	203-458-1	2011/11/19
	62	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	2011/11/19
	63	Arsenic acid	7778-39-4	231-901-9	2011/11/19
	64	Calcium arsenate	7778-44-1	231-904-5	2011/11/19
	65	Trilead diarsenate	3687-31-8	22-979-5	2011/11/19
	66	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4	2011/11/19
	67	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9	2011/11/19
	68	Lead azide Lead diazide	13424-46-9	236-542-1	2011/11/19
	69	Lead styphnate	15245-44-0	239-290-0	2011/11/19
	70	Lead dipicrate	6477-64-1	229-335-2	2011/11/19
71	Phenolphthalein	77-09-8	201-004-7	2011/11/19	

	No.	Substance name	CAS No.	EC No.	Date of
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					inclusion
SVHC7	72	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	2012/06/22
	73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	2012/06/22
	74	Diboron trioxide	1303-86-2	215-125-8	2012/06/22
	75	Formamide	75-12-7	200-842-0	2012/06/22
	76	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	2012/06/22
	77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	2012/06/22
	78	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	59653-74-6	423-400-0	2012/06/22
	79	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	2012/06/22
	80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	2012/06/22
	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)]	2580-56-5	219-943-6	2012/06/22
	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)]	548-62-9	208-953-6	2012/06/22
	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)]	561-41-1	209-218-2	2012/06/22
	84	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)]	6786-83-0	229-851-8	2012/06/22

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC8	85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	2012/12/13
	86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	2012/12/13
	87	Henicosafuoroundecanoic acid	2058-94-8	218-165-4	2012/12/13

88	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]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	2012/12/13
89	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]	85-42-7, 13149-00-3, 14166-21-3	201-604-9 236-086-3 238-009-9	2012/12/13
90	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	2012/12/13
91	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	2012/12/13
92	Lead dinitrate	10099-74-8	233-245-9	2012/12/13
93	Silicic acid, lead salt	11120-22-2	234-363-3	2012/12/13
94	4-Aminoazobenzene	60-09-3	200-453-6	2012/12/13
95	Lead titanium zirconium oxide	12626-81-2	235-727-4	2012/12/13
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	2012/12/13
97	o-Toluidine	95-53-4	202-429-0	2012/12/13
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxaz olidine	143860-04-2	421-150-7	2012/12/13
99	Silicic acid (H ₂ Si ₂ O 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	2012/12/13
100	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	2012/12/13
101	Furan	110-00-9	203-727-3	2012/12/13
102	N,N-dimethylformamide	68-12-2	200-679-5	2012/12/13
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-		2012/12/13
104	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]	-		2012/12/13

105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	2012/12/13
106	Diethyl sulphate	64-67-5	200-589-6	2012/12/13
107	Dimethyl sulphate	77-78-1	201-058-1	2012/12/13
108	Lead oxide sulfate	12036-76-9	234-853-7	2012/12/13
109	Lead titanium trioxide	12060-00-3	235-038-9	2012/12/13
110	Acetic acid, lead salt, basic	51404-69-4	257-175-3	2012/12/13
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	2012/12/13
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	2012/12/13
113	N-methylacetamide	79-16-3	201-182-6	2012/12/13
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	2012/12/13
115	1,2-Diethoxyethane	629-14-1	211-076-1	2012/12/13
116	Tetralead trioxide sulphate	12202-17-4	235-380-9	2012/12/13
117	N-pentyl-isopentylphthalate	776297-69-9	-	2012/12/13
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	2012/12/13
119	Tetraethyllead	78-00-2	201-075-4	2012/12/13
120	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	2012/12/13
121	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	2012/12/13
122	Tricosafuorododecanoic acid	307-55-1	206-203-2	2012/12/13
123	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	2012/12/13
124	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	2012/12/13
125	Methoxyacetic acid	625-45-6	210-894-6	2012/12/13
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	2012/12/13
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	2012/12/13
128	Trilead dioxide phosphonate	12141-20-7	235-252-2	2012/12/13
129	o-aminoazotoluene	97-56-3	202-591-2	2012/12/13
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	2012/12/13
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	2012/12/13
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	2012/12/13
133	Biphenyl-4-ylamine	92-67-1	202-177-1	2012/12/13
134	Diisopentylphthalate	605-50-5	210-088-4	2012/12/13
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	2012/12/13
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	2012/12/13
137	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	2012/12/13
138	Lead cyanamidate	20837-86-9	20837-86-9	2012/12/13

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC9	139	Cadmium	7440-43-9	231-152-8	2013/06/20
	140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	3825-26-1	2013/06/20
	141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	2013/06/20

	142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	2013/06/20
	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]			2013/06/20
	144	Cadmium oxide	1306-19-0	215-146-2	2013/06/20

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC10	145	Cadmium sulphide	1306-23-6	215-147-8	2013/10/17
	146	Dihexyl phthalate	84-75-3	201-559-5	2013/10/17
	147	"Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)] bis(4-aminonaphthalene-1-sulphonate) (C.I. Direct Red 28)"	573-58-0	209-358-4	2013/10/17
	148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate (C.I. Direct Black 38)	1937-37-7	217-710-3	2013/10/17
	149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7	202-506-9	2013/10/17
	150	Lead di (acetate)	301-04-2	206-104-4	2013/10/17
	151	Trixylyl phosphate	25155-23-1	246-677-8	2013/10/17

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC11	152	Cadmium chloride	10108-64-2	233-296-7	2014/6/16
	153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4	271-093-5	2014/6/16
	154	Sodium peroxometaborate	7632-04-4	231-556-4	2014/6/16
	155	Sodium perborate; perboric acid, sodium salt	15120-21-5	239-172-9; 234-390-0	2014/6/16

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC12	156	Cadmium fluoride	7790-79-6	232-222-0	2014/12/17
	157	Cadmium sulphate	10124-36-4 31119-53-6	233-331-6	2014/12/17

	158	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	2014/12/17
	159	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	2014/12/17
	160	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)	-	-	2014/12/17
	161	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	2014/12/17

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC13	162	3%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	68515-51-5	271-094-0	2016/6/15
			68648-93-1	272-013-1	
	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]	-	-	2016/6/15

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC14	164	1,3-propanesultone	1120-71-4	214-317-9	2015/12/17
	165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	2015/12/17
	166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	2015/12/17
	167	Nitrobenzene	98-95-3	202-716-0	2015/12/17
	168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	2015/12/17

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC15	169	Benzo[def]chrysene	50-32-8	200-028-5	2016/6/20

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC16	170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	2016/12/19
	171	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]			2016/12/19
	172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	- 206-400-3 221-470-5	2016/12/19
	173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	2016/12/19

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC17	174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	206-587-1	2017/07/07

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 18	175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	13560-89-9; 135821-74-8; 135821-03-3	-	2017/01/15
	176	Benz[a]anthracene	56-55-3	200-280-6	2017/01/15
	177	Cadmium nitrate	10325-94-7	233-710-6	2017/01/15
	178	Cadmium carbonate	513-78-0	208-168-9	2017/01/15
	179	Cadmium hydroxide	21041-95-2	244-168-5	2017/01/15
	180	Chrysene	218-01-9	205-923-4	2017/01/15

	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]	-	-	2017/01/15
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	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 19	182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride; TMA)	552-30-7	209-008-0	2018/06/27
	183	Benzo[ghi]perylene	191-24-2	205-883-8	2018/06/27
	184	Decamethylcyclopentasiloxane (D5)	541-02-6	208-764-9	2018/06/27
	185	Dicyclohexyl phthalate (DCHP)	84-61-7	201-545-9	2018/06/27
	186	Disodium octaborate	12008-41-2	234-541-0	2018/06/27
	187	decamethylcyclohexasiloxane (D6)	540-97-6	208-762-8	2018/06/27
	188	Ethylenediamine (EDA)	107-15-3	203-468-6	2018/06/27
	189	Lead	7439-92-1	231-100-4	2018/06/27
	190	Octamethylcyclotetrasiloxane (D4)	556-67-2	209-136-7	2018/06/27
	191	Terphenyl, hydrogenated	61788-32-7	262-967-7	2018/06/27

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 20	192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	2019/01/15
	193	Benzo[k]fluoranthene	207-08-9	205-916-6	2019/01/15
	194	Fluoranthene	206-44-0 93951-69-0	205-912-4	2019/01/15
	195	Phenanthrene	85-01-8	201-581-5	2019/01/15
	196	Pyrene	129-00-0 1718-52-1	204-927-3	2019/01/15
	197	1,7,7-trimethyl-3-(phenylmethylene)-bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	2019/01/15

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 21	198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides	-	-	2019/07/16
	199	2-methoxyethyl acetate	110-49-6	203-772-9	2019/07/16
	200	4-tert-butylphenol	98-54-4	202-679-0	2019/07/16
	201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with $\geq 0.1\%$ w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	2019/07/16

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 22	202	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	119313-12-1	404-360-3	2020/01/16
	203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	71868-10-5	400-600-6	2020/01/16
	204	Diisohexyl phthalate	71850-09-4	276-090-2	2020/01/16
	205	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	2020/01/16

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 23	206	1-vinylimidazole	1072-63-5	214-012-0	2020/06/17
	207	2-methylimidazole	693-98-1	211-765-7	2020/06/17
	208	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	2020/06/17
	209	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	2020/06/17

	No.	Substance name	CAS No.	EC No.	Date of inclusion
SVHC 24	210	Bis(2-(2-methoxyethoxy)ethyl) ether	143-24-8	205-594-7	2021/01/20

	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	3648-18-8 and others	222-883-3	2021/01/20
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Models List:

PSM03A-050-R	PSAA12A-120L6-R	PSAA30R-560-R	POE16R-1AFG6-2-R
PSM03A-050(M)-R	PSAA12E-120L6-R	RPBAG(NC)-R	POE16S-1AFG-R
PSM03A-075-R	PSC15A-050-R	RPA-R	POE20D-1AF-R
PSM03A-120-R	PSC15A-060-R	RPB-R	POE21U-1AF-R
AA03A-050A-R	PSC15A-075-R	RPC-R	POE21W-1AF-R
AA03A-050A(M)-R	PSC15A-090-R	RPE-N-R	POE29U-1AF-R
AA03A-075A-R	PSA15A-120P6-R	RPH-R	POE29U-1AT(PL)D-R
AA03A-090A-R	PSA15A-150P6-R	RPI-R	POE29W-1AT-R
AA03A-120A-R	PSA15A-240P6-R	RPK(NC)-R	POE30S-1ATG-R
AA03C-050A-R	PSA15A-480P6-R	RPN-R	POEA30U-1AT-R
AA03C-050A(M)-R	PSAA15W-050L6-R	RPS-N-R	POEA30U-1ATE-R
AA03C-075A-R	PSAA15W-120L6-R	RPX-03-R	POEA30U-1AT-2-R
AA03C-090A-R	PSAA15W-180L6-R	RPBAG-AB01B-H	POEA30U-1AT-5-R
AA03C-120A-R	PSAA15W-240L6-R	RPA-AB01B-H	POEA30U-1AT-X-R
AA03E-050A-R	PSAA15W-480L6-R	RPB-AB01B-H	POEO30U-1AT-R
AA03E-050A(M)-R	AQ15A-050A-H	RPC-AB01B-H	POEO30U-1AT-X-R
AA03E-075A-R	AQ15A-050AW-H	RPE-AB01B-H	POE31W-1AT(L)
AA03E-090A-R	AQ15E-050A-H	RPH-AB01B-H	POE33S-1AT-N-R
AA03E-120A-R	AQ15E-050AW-H	RPI-AB01B-H	POE33U-1AT-R
AA03K-050A-R	PSAA18U-120L6-R	RPK-AB01B-H	POE33U-560DO-R
AA03K-050A(M)-R	PSAA18U-150L6-R	RPN-AB01B-H	POEA33U-1ATE-R
AA03K-075A-R	PSAA18U-240L6-R	RPS-AB01B-H	POE36D-1AT-R
AA03K-090A-R	PSAA18U-480L6-R	AN18V-59CFAA-H	POE60D-560(G)-R
AA03K-120A-R	PSAC24A-120L6-R	VPA-AA02B-H	POE60U-1BT-R
AA03S-050A-R	PSAC30U-050L6-R	VPB-AA02B-H	POE60U-1BTE-R
AA03S-050A(M)-R	PSAC30U-090L6-R	VPC-AA02B-H	POE60U-1BT-2-R
AA03S-075A-R	PSAC30U-120L6-R	VPE-AA02B-H	POE60U-1BT-5-R
AA03S-090A-R	PSAC30U-240L6-R	VPH-AA02B-H	POE60U-1BT-X-R
AA03S-120A-R	PSAC30U-480L6-R	VPI-AA02B-H	POE60S-4AF-R
PSM03E-050Q-3-R	PSAC30U-560L6-R	VPK-AA02B-H	POE61S-4AF-R
PSM03K-050Q-3-R	PSM36W-120L6-R	VPN-AA02B-H	POE75U-1UP-N-R
PSM03S-050Q-3-R	PSAC45W-120-R	VPS-AA02B-H	POEO75U-1BT-R
PSM03E-050Q-3W-R	PSAC45W-180-R	MQ05A-050A-H	POEO75U-BT-X-R
PSM03K-050Q-3W-R	PSAC45W-240-R	MQ05A-050AW-H	POE80U-560(G)-R
PSM03S-050Q-3W-R	PSAC45W-480-R	PMA09R-060A-R	POE90U-1BT-R
AQ03A-050A-R	PSAC45W-560-R	PMA09R-090A-R	POE90U-1BT-N-R
AQ03C-050A-R	PSAC60M-120-R	PMA10R-050A-R	POE90U-1BT6-R
AQ03E-050A-R	PSAC60M-180-R	PMA10R-050AW-R	POE90U-1BT-N6-R
AQ03K-050A-R	PSAC60M-240-R	PMA18A-120PH-R	POE90U-1BT-2-R
AQ03S-050A-R	PSAC60M-480-R	PMA18A-120PHW-R	POE90U-1BT-5-R

AQ03A-050AW-R	PSAC60M-560-R	PMA18E-120PHW-R	POE90U-1BT-X-R
AQ03C-050AW-R	PSAC60W-120-R	PMA18K-120PHW-R	POE125U-8-C-R
AQ03E-050AW-R	PSAC60W-180-R	PMA18S-120PHW-R	POE125U-8-N-R
AQ03K-050AW-R	PSAC60W-240-R	PMA18A-240-R	POE125U-4-AT-R
AQ03S-050AW-R	PSAC60W-480-R	PMA18E-240-R	POE125U-4-AT-N-R
PSA05A-050QL6-H	PSA120U-120L6-R	PMA18K-240-R	POE240U-2MP-N-R
PSA05E-050QL6-H	PSA120U-240L6-R	RPA-MAB1B-R	POE240U-4BT-R
PSA05K-050QL6-H	PSA120U-480L6-R	RPB-MAB1B-R	POE240U-4BT-N-R
PSA05S-050QL6-H	PSA120U-560L6-R	RPE-MAB1B-R	POE370U-480-8-R
PSA05C-050QL6-H	AQ18A-59A-H	RPH-MAB1B-R	POE370U-480-8-N-R
PSA05A-050QL6W-H	AQ18A-59CFA-H	RPK-MAB1B-R	POE370U-480-16-R
PSA05E-050QL6WS-H	AQ18E-59A-H	RPN-MAB1B-R	POE370U-480-16-N-R
PSA05K-050QL6WS-H	AQ18E-59CFA-H	RPS-MAB1B-R	POE370U-480-24-R
PSA05S-050QL6WS-H	AQ18K-59A-H	RPA-MAB1W-R	POE370U-480-24-N-R
PSAC05A-050L6-R	AQ18K-59CFA-H	RPB-MAB1W-R	POE480U-4UP-R
PSAC05A-050L6M-R	AQ27A-59A-H	RPE-MAB1W-R	POE576U-8AT-R
PSAC05A-050L6B-R	AQ27A-59CFA-H	RPH-MAB1W-R	POE576U-8AT-N-R
PSAC05E-050L6-R	AQ27E-59A-H	RPK-MAB1W-R	POE576U-8BT-R
PSAC05E-050L6M-R	AQ27E-59CFA-H	RPN-MAB1W-R	POE576U-8BT-N-R
PSAC05K-050L6-R	AQ27K-59A-H	RPS-MAB1W-R	POE576U-16AT-R
PSAC05K-050L6M-R	AQ27K-59CFA-H	PSA03F-050Q1-R	POE576U-16AT-N-R
PSAA05A-050QL6-R	AQ36E-5CA-H	PSA05F-050QAL6-H	POE576U-24AFAT-R
PSAA05E-050QL6-R	AQ36E-5CFA-H	PSA05F-050QAL6D-H	POE576U-24AFAT-N-R
PSAA05K-050QL6-R	AA60M-59FKA-R	PSA10F-050-R	POE806U-8MP-N-R
PSAA05S-050QL6-R	AA60W-59FKA-R	PSA10F-050(P)-R	POE14-033-R
PSAA05A-050QL6W-R	AA65M-59FKA-R	PSA10FC-050-R	POE14-050-R
PSAA05E-050QL6W-R	AA65W-59FKA-R	PSA10F-050Q-R	POE14-120-R
PSAA05K-050QL6W-R	PSAC05R-050L6M-R	PSA10F-050Q(D)-R	POE14-137-R
PSAA05S-050QL6W-R	PSAC05R-050L6B-R	PSA10F-050Q(S)-R	POE21-120-R
PSAA06A-120L6-R	PSAC05R-050L6-R	PSA10FC-050Q-R	POE21-120F-R
AA10A-050A-R	PSAI05R-050QL6-R	FPBAG-H	POE21-120H-R
AA10A-050A(M)-R	PSAF10R-050QA-R	FPBAG1-H	POE21-240-R
AA10E-050A-R	PSM10R-050A-R	FPB-H	POE45-120-R
AA10E-050A(M)-R	PSM10R-050A(M)-R	FPE-H	POE90D-560SS-R
AA10K-050A-R	PSAC12R-050-R	FPH-H	POE15W-560-R
AA10K-050A(M)-R	PSAC12R-060-R	FPI-H	POE15M-560-R
AA10S-050A-R	PSAC12R-075-R	FPK-H	POE15M-560E-R
AA10S-050A(M)-R	PSAC12R-090-R	FPN-H	POE16R-560L6-R
PSAA10A-050QL6A-H	PSAC12R-120-R	FPS-H	POE29U-560-R
AQ10A-050B-H	PSAC12R-150-R	IP-USB1(C10)S-RW	POE29W-560-R
AQ10A-050BP-H	PSAC12R-240-R	IPUSB1CS-RW	POEA30U-560-R
AQ10A-050BW-H	PSAC12R-480-R	IPUSB1MS-RW	POEA30U-560E-R
AQ10E-050B-H	PSC15R-050-R	IPUSB1M5LD-RW	POEA30U-560-2-R
AQ10E-050BP-H	PSC15R-060-R	IPUSB1P5-RW	POEA30U-560-5-R
AQ10E-050BW-H	PSC15R-075-R	IPUSB1P5W-RW	POEA30U-560-X-R
AQ10K-050B-H	PSC15R-090-R	IPUSB1MSW-RW	POE60U-560-R
AQ10K-050BW-H	PSA15R-120P6-R	IP-USB1(C10)SW-RW	POE60U-560E-R
AQ10S-050B-H	PSA15R-150P6-R	UES-1001A160-RW	POE60U-560-2-R
AQ10S-050BW-H	PSA15R-240P6-R	UES-1003A160-RW	POE60U-560-5-R

PSM10A-050A-R	PSA15R-480P6-R	PSA065-120-R	POE60U-560-X-R
PSA10FS-050Q-R	PSAA20R-050L6-R	PSA065-240-R	POE61U-560D-R
PSA10FS-050Q(D)-R	PSAA20R-120L6-R	PSA065-480-R	POE61W-560D-R
PSAC12A-050-R	PSAA20R-240L6-R	PSA075-050-R	POE90U-560-R
PSAC12A-060-R	PSAA20R-480L6-R	PSA075-120-R	POE90U-560-2-R
PSAC12A-075-R	AA20R-120A-R	PSA075-240-R	POE90U-560-5-R
PSAC12A-090-R	AA20R-240A-R	POE15M-1AF-R	POE90U-560-X-R
PSAC12A-120-R	AA20R-480A-R	POE15M-1AFE-R	ACCY125X-R
PSAC12A-150-R	PSAA30R-120-R	POE16R-1AF-R	
PSAC12A-240-R	PSAA30R-150-R	POE16R-1AFG-R	
PSAC12A-480-R	PSAA30R-240-R	POE16R-1AFG6-R	