

REACH Compliance

REACH ("Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorization and Restriction of Chemicals") is a European Union chemical regulatory framework that entered into force on 1 June 2007, with phased deadlines.

Ohio Semitronics, Inc. provides the information table below in accordance with Article 33 of the EU REACH legislation. There are 211 substances identified by the European Chemical Agency as SVHC candidates for Annex XIV of REACH. Below are our REACH Article 33 declarations for each substance with the histories of the updates to SVHC candidate list shown for reference.

SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC #	Reason for Inclusion	Date of Inclusion	Present in any OSI products or articles?
1	Anthracene	120-12-7	204-371-1	Persistent, bioaccumulative and toxic	10/28/08	NO
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	Carcinogen, cat.2	10/28/08	NO
3	Dibutyl phthalate	84-74-2	201-557-4	Toxic for reproduction, cat. 2	10/28/08	NO
4	Cobalt dichloride	7646-79-9	231-589-4	Carcinogen, cat. 2, Toxic for reproduction	10/28/2008, 06/20/2011	NO
5	Diarsenic pentaoxide	1303-28-2	215-116-9	Carcinogen, cat.1	10/28/08	NO
6	Diarsenic trioxide	1327-53-3	215-481-4	Carcinogen, cat.1	10/28/08	NO
7	Sodium dichromate (Dihydrate)	7789-12-0	234-190-3	Carcinogen, cat. 2 Mutagen, cat. 2 Toxic for reproduction, cat. 2	10/28/08	NO
8	Sodium dichromate (Anhydrous)	10588-01-9	234-190-3	Carcinogen, cat. 2 Mutagen, cat. 2 Toxic for reproduction, cat. 2	10/28/08	NO
9	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	Very persistent and very bioaccumulative	10/28/08	NO
9	Bis (2-ethyl (hexyl) phthalate) (DEHP)	117-81-7	204-211-0	Toxic for reproduction, cat.2	10/28/08	NO
9	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	Persistent, bioaccumulative and toxic	10/28/08	NO
	1,2,5,6,9,10-Hexabromocyclododecane	3194-55-6	221-695-9	Persistent, bioaccumulative and toxic	10/28/08	NO
	?-HBCDD	134237-51-6	221-695-9	Persistent, bioaccumulative and toxic	10/28/08	NO
	?-HBCDD	134237-50-7	221-695-9	Persistent, bioaccumulative and toxic	10/28/08	NO
	?-HBCDD	134237-52-8	221-695-9	Persistent, bioaccumulative and toxic	10/28/08	NO
10	Alkanes, C10-13, Chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	Persistent, bioaccumulative and toxic Very persistent and very bioaccumulative	10/28/08	NO
11	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	Persistent, bioaccumulative and toxic	10/28/08	NO
12	Lead hydrogen arsenate	7784-40-9	232-064-2	Carcinogen, cat. 1 Toxic for reproduction cat. 1	10/28/08	NO
13	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	Toxic for reproduction, cat.2	10/28/08	NO
14	Triethyl arsenate	15606-95-8	427-700-2	Carcinogen, cat. 1	10/28/08	NO

SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2010
15	Anthracene oil	90640-80-5	292-602-7	Persistent, bioaccumulative and toxic	01/13/10	NO
16	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	Persistent, bioaccumulative and toxic	01/13/10	NO
17	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	Persistent, bioaccumulative and toxic	01/13/10	NO
18	Anthracene oil, anthracene-low	90640-82-7	292-604-8	Persistent, bioaccumulative and toxic	01/13/10	NO
19	Anthracene oil, anthracene paste	90640-81-6	292-603-2	Persistent, bioaccumulative and toxic; Persistent, bioaccumulative and toxic; carcinogen, category 2	01/13/10	NO
20	Coal tar pitch, high temperature Aluminosilicate, Refractory Ceramic Fibres (Index No. 650-017-00-8)	65996-93-2	266-028-2	Carcinogen, category 2	01/13/10	NO
21	Zirconia Aluminosilicate, Refractory Ceramic Fibres (Index No. 650-017-00-8)	-	-	Carcinogen, category 2	01/13/10	NO
22	2,4-Dinitrotoluene	121-14-2	204-450-0	Carcinogen, category 2	01/13/10	NO
23	Diisobutyl phthalate	84-69-5	201-553-2	Toxic for reproduction, category 2	01/13/10	NO
24	Lead chromate Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	7758-97-6	231-846-0	Carcinogen, category 2; toxic for reproduction, category 1	01/13/10	NO
25	Lead chromate Lead sulphochromate yellow (C.I. Pigment Yellow 34)	12656-85-8	235-759-9	Carcinogen, category 2; toxic for reproduction, category 1	01/13/10	NO
26	Tris (2-chloroethyl)phosphate	1344-37-2	215-693-7	Carcinogen, category 2; toxic for reproduction, category 1	01/13/10	NO
27	Substance of Very High Concern (SVHC) Acrylamide	115-96-8	204-118-5	Toxic for reproduction, category 2	01/13/10	NO
28	Trichloroethylene	79-06-1	201-173-7	Reason for inclusion Carcinogen, category 2; Mutagen, category 2	Date of inclusion 03/30/10	2010
29	Boric acid	79-01-6	201-167-4	Carcinogenic category 2	06/18/10	NO
30	Disodium tetraborate, anhydrous	10043-35-3	233-139-2	Toxic for reproduction category 2	06/18/10	NO
		11113-50-1	234-343-4	Toxic for reproduction category 2	06/18/10	NO
		1330-43-4	215-540-4	Toxic for reproduction category 2	06/18/10	NO
		12179-04-3		Toxic for reproduction category 2	06/18/10	NO
		1303-96-4		Toxic for reproduction category 2	06/18/10	NO
31	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	Toxic for reproduction category 2	06/18/10	NO
32	Sodium chromate	11/3/7775	231-889-5	Carcinogenic category 2; mutagenic category 2; toxic for reproduction category 2	06/18/10	NO
33	Potassium chromate	7789-00-6	232-140-5	Carcinogenic category 2; mutagenic category 2	06/18/10	NO
34	Ammonium dichromate	9/5/7789	232-143-1	Carcinogenic category 2; mutagenic category 2; toxic for reproduction category 2	06/18/10	NO
35	Potassium dichromate	7778-50-9	231-906-6	Carcinogenic category 2; mutagenic category 2; toxic for reproduction category 2	06/18/10	NO
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2010

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36	Cobalt(II) sulphate	10124-43-3	233-334-2	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	12/15/10	NO	
37	Cobalt(II) dinitrate	10141-05-6	233-402-1	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	12/15/10	NO	
38	Cobalt(II) carbonate	513-79-1	208-169-4	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	12/15/10	NO	
39	Cobalt(II) diacetate	71-48-7	200-755-8	CMR (carcinogen, cat. 2;toxic for reproduction,cat. 2)	12/15/10	NO	
40	2-Methoxyethanol	109-86-4	203-713-7	CMR (toxic for reproduction,cat. 2)	12/15/10	NO	
41	2-Ethoxyethanol	110-80-5	203-804-1	CMR (toxic for reproduction,cat. 2)	12/15/10	NO	
42	Chromium trioxide	1333-82-0	215-607-8	CMR (carcinogen, cat.1;mutagen, cat. 2)	12/15/10	NO	
43	Acids generated from chromium trioxide and their oligomers:						
	Chromic acid	7738-94-5	231-801-5	CMR (carcinogen, cat. 2)	12/15/10	NO	
	Dichromic acid	13530-68-2	236-881-5	CMR (carcinogen, cat. 2)	12/15/10	NO	
	Oligomers of chromic acid and dichromic acid	-	-	CMR (carcinogen, cat. 2)	12/15/10	NO	
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2011	
44	2-ethoxyethyl acetate	111-15-9	203-839-2	Toxic for reproduction	06/20/11	NO	
45	strontium chromate	6/2/7789	232-142-6	Carcinogenic	06/20/11	NO	
46	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6	Toxic for reproduction	06/20/11	NO	
47	Hydrazine	302-01-2 / 7803-57-8	206-114-9	Carcinogenic	06/20/11	NO	
48	1-methyl-2-pyrrolidone	872-50-4	212-828-1	Toxic for reproduction	06/20/11	NO	
49	1,2,3-trichloropropane	96-18-4	202-486-1	Carcinogenic and toxic for reproduction	06/20/11	NO	
50	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1	Toxic for reproduction	06/20/11	NO	
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	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			Carcinogenic (article 57 a)	12/19/11	NO	
52	Calcium arsenate	7778-44-1	231-904-5	Carcinogenic (article 57 a)	12/19/11	NO	
53	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	Toxic for reproduction (article 57 c)	12/19/11	NO	

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54	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 pac			Carcinogenic (article 57 a)	12/19/11	NO		
55	Potassium hydroxyoctaoxidodincatedichromate	11103-86-9	234-329-8	Carcinogenic (article 57 a)	12/19/11	NO		
56	Lead dipicrate	6477-64-1	229-335-2	Toxic for reproduction (article 57 c)	12/19/11	NO		
57	N,N-dimethylacetamide	127-19-5	204-826-4	Toxic for reproduction (article 57 c)	12/19/11	NO		
58	Arsenic acid	7778-39-4	231-901-9	Carcinogenic (article 57 a)	12/19/11	NO		
59	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	Carcinogenic (article 57 a)	12/19/11	NO		
60	Tyrllead diarsenate	3687-31-8	222-979-5	Carcinogenic and toxic for reproduction (articles 57 a and 57 c)	12/19/11	NO		
61	1,2-dichloroethane	107-06-2	203-458-1	Carcinogenic (article 57 a)	12/19/11	NO		
62	Pentazinc chromate octahydroxide	49663-84-5	256-418-0	Carcinogenic (article 57 a)	12/19/11	NO		
63	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	Equivalent level of concern having probable serious effects to the environment (article 57 f)	12/19/11	NO		
64	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	Carcinogenic (article 57 a)	12/19/11	NO		
65	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	Toxic for reproduction (article 57 c)	12/19/11	NO		
66	Lead diazide, Lead azide	13424-46-9	236-542-1	Toxic for reproduction (article 57 c),	12/19/11	NO		
67	Lead styphnate	15245-44-0	239-290-0	Toxic for reproduction (article 57 c)	12/19/11	NO		
68	2,2'-dichloro-4,4'-methylene dianiline	101-14-4	202-918-9	Carcinogenic (article 57 a)	12/19/11	NO		
69	Phenolphthalein	77-09-8	201-004-7	Carcinogenic (article 57 a)	12/19/11	NO		
70	Dichromium tris(chromate)	24613-89-6	246-356-2	Carcinogenic (article 57 a)	12/19/11	NO		
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for Inclusion	Date of Inclusion	2012		
71	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	Toxic for reproduction (Article 57 c)	06/18/12	NO		
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	Toxic for reproduction (Article 57 c)	06/18/12	NO		
73	Diboron trioxide	1303-86-2	215-125-8	Toxic for reproduction (Article 57 c)	06/18/12	NO		
74	Formamide	75-12-7	200-842-0	Toxic for reproduction (Article 57 c)	06/18/12	NO		
75	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	Toxic for reproduction (Article 57 c)	06/18/12	NO		
76	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-trione (2-TGIC) (TGIC)	2451-62-9	219-514-3	Mutagenic (Article 57 b)	06/18/12	NO		
77	1,3,5-tris(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (2-TGIC)	59653-74-6	423-400-0	Mutagenic (Article 57 b)	06/18/12	NO		
78	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	Carcinogenic (Article 57 a)	06/18/12	NO		
79	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	Carcinogenic (Article 57 a)	06/18/12	NO		

SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for Inclusion	Date of Inclusion	2012
80	[4-[[4-anilino-1-naphthyl]](4-(dimethylamino)phenyl)methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Blue 26) [with ? 0.1% of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	2580-56-5	219-943-6	Carcinogenic (Article 57 a)	06/18/12	NO
81	[4-[[4,4'-bis(dimethylamino)benzylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with ? 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	Carcinogenic (Article 57 a)	06/18/12	NO
82	4,4'-bis(dimethylamino)-4''-(methylamino)triyl alcohol [with ? 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	Carcinogenic (Article 57 a)	06/18/12	NO
83	? ,? -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with ? 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	Carcinogenic (Article 57 a)	06/18/12	NO
	Substance of Very High Concern (SVHC)			Reason for Inclusion	Date of Inclusion	2012
84	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	Toxic for reproduction (Article 57 c)	12/19/12	NO
85	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	Carcinogenic (Article 57a) VPVB (Article 57 e)	12/19/12	NO
86	Hexacosafluoroundecanoic acid	2058-94-8	218-165-4		12/19/12	NO
87	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	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	Equivalent level of concern having probable serious effects to human health (Article 57 f)	12/19/12	NO
88	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-	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	Equivalent level of concern having probable serious effects to human health (Article 57 f)	12/19/12	NO
89	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	Toxic for reproduction (Article 57 c)	12/19/12	NO
90	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	Toxic for reproduction (Article 57 c)	12/19/12	NO
91	Lead dinitrate	10099-74-8	233-245-9	Toxic for reproduction (Article 57 c)	12/19/12	NO
92	Silicic acid, lead salt	11120-22-2	234-363-3	Toxic for reproduction (Article 57 c)	12/19/12	NO
93	4-Aminozobenzene	60-09-3	200-453-6	Carcinogenic (Article 57a)	12/19/12	NO
94	Lead titanium zirconium oxide	12626-81-2	235-727-4	Toxic for reproduction (Article 57 c)	12/19/12	NO

95	Lead monoxide (lead oxide)	1317-36-8	215-267-0	Toxic for reproduction (Article 57 c)		12/19/12	NO	
96	o-Toluidine	95-53-4	202-429-0	Carcinogenic (Article 57a)		12/19/12	NO	
97	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	Toxic for reproduction (Article 57 c)		12/19/12	NO	
98	Sillicic acid (H2Si2O5), 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 compound	68784-75-8	272-271-5	Toxic for reproduction (Article 57 c)		12/19/12	NO	
99	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	Toxic for reproduction (Article 57 c)		12/19/12	NO	
100	Furan	110-00-9	203-727-3	Carcinogenic (Article 57a)		12/19/12	NO	
101	N,N-dimethylformamide	68-12-2	200-679-5	Toxic for reproduction (Article 57 c)		12/19/12	NO	
102	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	Equivalent level of concern having probable serious effects to the environment (Article 57 f)		12/19/12	NO	
103	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 c	-	-	Equivalent level of concern having probable serious effects to the environment (Article 57 f)		12/19/12	NO	
104	4,4'-methylene-di-o-toluidine	838-88-0	212-658-8	Carcinogenic (Article 57a)		12/19/12	NO	
105	Diethyl sulphate	64-67-5	200-589-6	Carcinogenic (Article 57a); Mutagenic (Article 57b)		12/19/12	NO	
106	Dimethyl sulphate	77-78-1	201-058-1	Carcinogenic (Article 57a)		12/19/12	NO	
107	Lead oxide sulfate	12036-76-9	234-853-7	Toxic for reproduction (Article 57 c)		12/19/12	NO	
108	Lead titanium trioxide	12060-00-3	235-038-9	Toxic for reproduction (Article 57 c)		12/19/12	NO	
109	Acetic acid, lead salt, basic	51404-69-4	257-175-3	Toxic for reproduction (Article 57 c)		12/19/12	NO	
110	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	Toxic for reproduction (Article 57 c)		12/19/12	NO	
111	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	PBT (Article 57 d); vPvB (Article 57 e)		12/19/12	NO	
112	N-methylacetamide	79-16-3	201-182-6	Toxic for reproduction (Article 57 c)		12/19/12	NO	
113	Dimoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	Toxic for reproduction (Article 57 c)		12/19/12	NO	
114	1,2-Diethoxyethane	629-14-1	211-076-1	Toxic for reproduction (Article 57 c)		12/19/12	NO	
115	Tetralead trioxide sulphate	12202-17-4	235-380-9	Toxic for reproduction (Article 57 c)		12/19/12	NO	
116	N-pentyl-isopentylphthalate	776297-69-9	-	Toxic for reproduction (Article 57 c)		12/19/12	NO	
117	Dioxobis(stearato)trilead	12578-12-0	235-702-8	Toxic for reproduction (Article 57 c)		12/19/12	NO	
118	Tetraethyllead	78-00-2	201-075-4	Toxic for reproduction (Article 57 c)		12/19/12	NO	
119	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	Toxic for reproduction (Article 57 c)		12/19/12	NO	
120	Pentacosafiuorotridecanoic acid	72629-94-8	276-745-2	vPvB (Article 57 e)		12/19/12	NO	
121	Tricosafiuorododecanoic acid	307-55-1	206-203-2	vPvB (Article 57 e)		12/19/12	NO	
122	Heptacosafiuorotetradecanoic acid	376-06-7	206-803-4	vPvB (Article 57 e)		12/19/12	NO	

123	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	Toxic for reproduction (Article 57 c)	12/19/12	NO	
124	Methoxyacetic acid	625-45-6	210-894-6	Toxic for reproduction (Article 57 c)	12/19/12	NO	
125	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	Carcinogenic (Article 57a)	12/19/12	NO	
126	Methylloxirane (Propylene oxide)	75-56-9	200-879-2	Carcinogenic (Article 57a); Mutagenic (Article 57b)	12/19/12	NO	
127	Trilead dioxide phosphonate	12141-20-7	235-252-2	Toxic for reproduction (Article 57 c)	12/19/12	NO	
128	o-aminoazotoluene	97-56-3	202-591-2	Carcinogenic (Article 57a)	12/19/12	NO	
129	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	Toxic for reproduction (Article 57 c)	12/19/12	NO	
130	4,4'-oxydianiline and its salts	101-80-4	202-977-0	Carcinogenic (Article 57a); Mutagenic (Article 57b)	12/19/12	NO	
131	Orange lead (lead tetroxide)	1314-41-6	215-235-6	Toxic for reproduction (Article 57 c)	12/19/12	NO	
132	Biphenyl-4-ylamine	92-67-1	202-177-1	Carcinogenic (Article 57a)	12/19/12	NO	
133	Disopentylphthalate	605-50-5	210-088-4	Toxic for reproduction (Article 57 c)	12/19/12	NO	
164	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	Toxic for reproduction (Article 57 c)	12/19/12	NO	
135	Diazene-1,2-dicarboxamide (C,C'-azodi (formamide))	123-77-3	204-650-8	Equivalent level of concern having probable serious effects to human health (Article 57 f)	12/19/12	NO	
136	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	Toxic for reproduction (Article 57 c)	12/19/12	NO	
137	Lead cyanamidate	20837-86-9	244-073-9	Toxic for reproduction (Article 57 c)	12/19/12	NO	
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2013	
138	Cadmium	7440-43-9	231-152-8	Carcinogenic (Article 57a)	06/20/13	NO	
139	Cadmium oxide	1306-19-0	215-146-2	Carcinogenic (Article 57a)	06/20/13	NO	
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	Toxic for reproduction (Article 57 c)	06/20/13	NO	
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	Toxic for reproduction (Article 57 c)	06/20/13	NO	
142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	Toxic for reproduction (Article 57 c)	06/20/13	NO	
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, white	-	-	Equivalent level of concern having probable serious effects to the environment (due to the endocrine disrupting properties of the degradation products) (Article 57 f)	06/20/13	NO	
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2014	
144	Cadmium sulphide	1306-23-6	215-147-8	Carcinogenic (Article 57a); Equivalent level of concern having probable serious effects to human health (Article 57 f)	12/16/13	NO	
145	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	Carcinogenic (Article 57a)	12/16/13	NO	

146	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	Carcinogenic (Article 57a)	12/16/13	NO		
147	Dihexyl phthalate	84-75-3	201-559-5	Toxic for reproduction (Article 57 c)	12/16/13	NO		
148	Imidazolidine-2-thione (2-imidazolone-2-thiol)	96-45-7	202-506-9	Toxic for reproduction (Article 57 c)	12/16/13	NO		
149	Lead di (acetate)	301-04-2	206-104-4	Toxic for reproduction (Article 57 c)	12/16/13	NO		
150	Trixylyl phosphate	25155-23-1	246-677-8	Toxic for reproduction (Article 57 c)	12/16/13	NO		
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2014		
151	1,2-Benzenedicarboxylic acid, dihexylester, branched and linear	271-093-5	68515-50-4	toxic for reproduction (article 57 c)	06/16/14	NO		
152	Cadmium chloride	233-296-7	10108-64-2	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	06/16/14	NO		
153	Sodium perborate,perboric acid, sodium salt	239-172-9, 234-390-0		toxic for reproduction (article 57 c)	06/16/14	NO		
154	Sodium peroxometaborate	231-556-4	7632-4-4,	toxic for reproduction (article 57 c)	06/16/14	NO		
155	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	247-384-8	25973-55-1	PBT (Article 57 d); vPvB (Article 57 e)	12/17/14	NO		
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	223-346-6	3846-71-7	PBT (Article 57 d); vPvB (Article 57 e)	12/17/14	NO		
157	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	239-622-4	15571-58-1	Toxic for reproduction (article 57 c)	12/17/14	NO		
158	Cadmium fluoride	232-222-0	7790-79-6	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	12/17/14	NO		
159	Cadmium sulphate	233-331-6	10124-36-4, 31119-53-6	Carcinogenic (Article 57 a); Mutagenic (Article 57 b); Toxic for reproduction (Article 57 c); Equivalent level of concern having probable serious effects to human health (Article 57 f)	12/17/14	NO		
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 DOTP and MOTP)			toxic for reproduction (article 57 c)	12/17/14	NO		
161	Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	Equivalent level of concern having probable serious effects to the environment (Article 57 f); Toxic for reproduction (article 57c).	2014/12/17; 2008/10/28	NO		
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	271-094-0, 272-013-1	68515-51-5, 68648-93-1	Toxic for reproduction (article 57 c)	06/15/15	NO		

163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]				vPvB (Article 57 e)	06/15/15	NO	
164	Ammonium salts of perfluorononan-1-ol-ic-acid; Sodium salts of perfluorononan-1-ol-ic-acid	4149-60-4, 21049-39-8			Toxic for reproduction (Article 57c)#PBT (Article 57 d)	12/17/15	NO	
165	Perfluorononan-1-ol-ic-acid; sodium and ammonium salts	375-95-1	206-801-3		Toxic for reproduction (Article 57c)#PBT (Article 57 d)	12/17/15	NO	
166	Nitrobenzene	98-95-3	202-716-0		Toxic for reproduction (Article 57c)	12/17/15	NO	
167	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350); 2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	36437-37-3, 3864-99-1	253-037-1, 223-383-8		vPvB (Article 57 e)	12/17/15	NO	
168	1,3-propanesultone	1120-71-4	214-317-9		Carcinogenic (Article 57a)	12/17/15	NO	
169	Benzo[def]chrysenes (Benzo[a]pyrene), Benzo[def]chrysenes (Benzo[a]pyrene)	50-32-8	200-028-5		Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Toxic for reproduction (Article 57c)#PBT (Article 57 d)#vPvB (Article 57 e)	6/20/2016	NO	
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2017		
170	p-(1,1-dimethylpropyl)phenol (PTAP)	201-280-9	80-46-6	Endocrine disrupting properties (Article 57(f) - environment)	1/12/2017	NO		
171	4-heptylphenol, branched and linear (4-HPbl)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	1/12/2017	NO		
172	nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	206-400-3	335-76-2	Toxic for reproduction (Article 57c)#PBT (Article 57 d)	1/12/2017	NO		
173	4,4'-isopropylidenediphenol (bisphenol A)	201-245-8	80-05-7	Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)	1/12/2017	NO		
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	-	-	vPvB (Article 57e)	7/7/2017	NO		
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2018		
175	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	1/15/2018	NO		
176	Dodecachloropentacyclo[12.2.1.16.9.02.13.05.10]octadeca-7,15-diene ("Dechlorane Plus" TM)	-	-	vPvB (Article 57e)	1/15/2018	NO		
177	Chrysene	205-923-4	218-01-9, 1719-03-5	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	1/15/2018	NO		

178	Cadmium nitrate	233-710-6	10022-68-1, 10325-94-7	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	1/15/2018	NO	
179	Cadmium hydroxide	244-168-5	21041-95-2	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	1/15/2018	NO	
180	Cadmium carbonate	208-168-9	513-78-0	Carcinogenic (Article 57a)#Mutagenic (Article 57b)#Specific target organ toxicity after repeated exposure (Article 57(f) - human health)	1/15/2018	NO	
181	Benz[a]anthracene	200-280-6	56-55-3, 1718-53-2	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	1/15/2018	NO	
182	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride	552-30-7	209-008-0	Respiratory sensitising properties (Article 57(f) - human health)	6/27/2018	NO	
183	Benzofluorperylene	191-24-2	205-883-8	PBT (Article 57d)#vPvB (Article 57e)	6/27/2018	NO	
184	Decamethylcyclopentasiloxane	541-02-6	208-764-9	PBT (Article 57d)#vPvB (Article 57e)	6/27/2018	NO	
185	Dicyclohexyl phthalate	84-61-7	201-545-9	Toxic for reproduction (Article 57c)#Endocrine disrupting properties (Article 57(f) - human health)	6/27/2018	NO	
186	Disodium octaborate	12008-41-2	234-541-0	Toxic for reproduction (Article 57c)	6/27/2018	NO	
187	Dodecamethylcyclotetrasiloxane	540-97-6	208-762-8	PBT (Article 57d)#vPvB (Article 57e)	6/27/2018	NO	
188	Ethylenediamine	107-15-3	203-468-6	Respiratory sensitising properties (Article 57(f) - human health)	6/27/2018	NO	
189	Lead	7439-92-1	231-100-4	Toxic for reproduction (Article 57c)	6/27/2018	YES	
190	Octamethylcyclotetrasiloxane	556-67-2	209-136-7	PBT (Article 57d)#vPvB (Article 57e)	6/27/2018	NO	
191	Terphenyl, hydrogenated	61788-32-7	262-967-7	vPvB (Article 57e)	6/27/2018	NO	
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2019	
192	1,7,7-trimethyl-3-(phenylmethylene)bicyclo[2.2.1]heptan-2-one	15087-24-8	239-139-9	Endocrine disrupting properties (Article 57(f) - environment)	1/15/2019	NO	
193	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6	401-720-1	Toxic for reproduction (Article 57c)	1/15/2019	NO	
194	Benzo[k]fluoranthene	207-08-9	205-916-6	Carcinogenic (Article 57a)#PBT (Article 57d)#vPvB (Article 57e)	1/15/2019	NO	
195	Fluoranthene	206-44-0	205-912-4	PBT (Article 57d)#vPvB (Article 57e)	1/15/2019	NO	
196	Phenanthrene	85-01-8	201-581-5	vPvB (Article 57e)	1/15/2019	NO	
197	Pyrene	129-00-0	204-927-3	PBT (Article 57d)#vPvB (Article 57e)	1/15/2019	NO	

SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2020
198	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy)propionic acid, its salts and its acyl halides	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health)#Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	7/16/2019	NO
199	2-methoxyethyl acetate	110-49-6	203-772-9	Toxic for reproduction (Article 57c)	7/16/2019	NO
200	4-tert-butylphenol	98-54-4	202-679-0	Endocrine disrupting properties (Article 57(f) - environment)	7/16/2019	NO
201	Tris(4-nonylphenyl, branched and linear) phosphite (TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear (4-NP)	-	-	Endocrine disrupting properties (Article 57(f) - environment)	7/16/2019	NO
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2020
202	Perfluorobutane sulfonic acid (PFBS) and its salts	-	-	Equivalent level of concern having probable serious effects to human health (Article 57(f) - human health) Equivalent level of concern having probable serious effects to the environment (Article 57(f) - environment)	1/16/2020	NO
203	Diisohexyl phthalate	71850-09-04	276-090-2	Toxic for reproduction (Article 57c)	1/16/2020	NO
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5	400-500-6	Toxic for reproduction (Article 57c)	1/16/2020	NO
205	2-benzyl-2-dimethylamino-4-morpholinobutyrophenone	119313-12-1	404-360-3	Toxic for reproduction (Article 57c)	1/16/2020	NO
206	1-vinylimidazole	1072-63-5	214-012-0	Toxic for reproduction (Article 57c)	6/25/2020	NO
207	2-methylimidazole	693-98-1	211-765-7	Toxic for reproduction (Article 57c)	6/25/2020	NO
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4	245-152-0	Toxic for reproduction (Article 57c)	6/25/2020	NO
209	Butyl 4-hydroxybenzoate	94-26-8	202-318-7	Endocrine disrupting properties - human health	6/25/2020	NO
SVHC #	Substance of Very High Concern (SVHC)	CAS #	EC Number	Reason for inclusion	Date of inclusion	2021
210	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	-	-	Toxic for reproduction (Article 57c)	1/19/2021	NO
	Diocetyl tin dilaurate	3648-18-8	222-883-3	Toxic for reproduction (Article 57c)	1/19/2021	NO
	Stannane, dioctyl-, bis(coco acyloxy) derivs.	91648-39-4	293-901-5	Toxic for reproduction (Article 57c)	1/19/2021	NO

	dioctyltin dilaurate; stannane, dioctyl-, bis(coco acyloxy) derivs.	-	-	Toxic for reproduction (Article 57c)	1/19/2021	NO		
211	Bis(2-(2-methoxyethoxy)ethyl)ether	143-24-8	205-594-7	Toxic for reproduction (Article 57c)	1/19/2021	NO		
CUSTOMER STATEMENT								
<p>Please be advised that, based on the information available to us from our raw material suppliers, none of the products manufactured and assembled in our factory contain any of the candidate list of SVHC substances listed since January 31st 2010. According to our records, no Ohio Semitronics products contain a candidate listed substance at > 0.1 wt%. To the best of our knowledge, none of these materials are generated during production. Because we do not expect these materials to be present, we do not run any analysis on our raw materials or our finished products to measure for these materials.</p> <p>Should you have any doubt and/or question regarding the content of this letter please do not hesitate to contact us.</p>								