

RESTRICTED MATERIALS DECLARATION

Revision Date: 7/09/2018

Revision 1.3 , Version LMD



This declaration covers the following component and material products ("Products") manufactured by on behalf of Cree, Inc. and its subsidiaries (collectively "Cree") and shipped by Cree after June 1, 2018:

Product Identification:	C-Lite Lighting Fixtures
Location(s):	All Manufacturing Locations

Restricted substance information associated with RoHS (2011/65/EU) and reportable substances of very high concern (Article 59(10), REACH SVHCs) are addressed here, but are also provided in separate declarations. Except for the specific uses of substances outlined in Table 2 below, **Cree declares products noted above DO NOT INTENTIONALLY CONTAIN the restricted substances noted in the directives or regulations listed in Table 1.** Where applicable, substances that are restricted in the manufacturing process are also not used. Each list of substances associated with the referenced regulations are included in the annexes within this declaration.

Table 1 - Restricted Substance Regulatory Listing

Name	Directive or Regulatory Reference	Annex of Substances
REACH Annex XVII	Directive 76/769/EEC amended through Commission Regulation 1272/2013 (71 substance groups)	Annex A
Stockholm Convention on POPs	Annex B, May 2009 (PFOS)	Annex B
US-EPA Provisional Health Advisory	US Federal Register, January 2009 (PFOA)	Annex B
IAEA Safety Standards	Directive 96/29 EURATOM, US NRC (Radioactive materials)	Annex C
CARB GHG Reduction Program	CARB Rules, Sections 95340 - 95346 (SF6)	Annex D
Montreal Protocol	September 2013 G-20 Agreement (phase-down HFCs)	Annex D

Table 2 - Known Uses of Potentially Restricted Substances in Noted Products

Restriction	How used	Allowed Use by Current Regulation(s)
Arsenic and Arsenic Compounds	Substrate of red, amber and yellow LED chips	Yes
Antimony and Antimony Compounds	SAC Solders, As an oxide in FR plastics	Yes
Lead and Lead Compounds	Exempted uses - rectifier die attach, glass resistors	Yes
Nickel	Internal component construction - non-skin contact	Yes
TBBPA	Flame retardant electronic board component	Yes
Silicones	Dimethyl siloxanes for LED lens, sealing materials	Yes

Table 3 - Known Uses of Recyclates in Noted Products

Material	How used	Potential for Recycling (separable, quantity)
Aluminum and Aluminum Alloys	Heat sinks, fabricated sheet panels	High
Copper and Copper Alloys	Electrical traces, wires	Moderate
Cast or Rolled Steels, Stainless Steels	Screws, pins, contacts	Moderate
Zinc and Zinc Alloys	Heat sinks, Internal component construction	Moderate
PET	Internal component construction, glass-filled FR types	Low
PMMA, Acrylics, Polycarbonates	Lens, diffusers	Low to moderate

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Company Seal

This certification is considered to be part of Cree's product specifications and only applies to the products' compliance with the specific regulations and industry specifications listed above. Additional restrictions and/or controls related to these or other substances and materials enacted by these or other governing bodies are outside the scope of this certification. No additional certifications, expressions of risk or liability, or further declarations are made, expressed or implied. The recipient or end user of this data is responsible for determining the applicability of this data to their specific use. Cree reserves the right to modify or rescind this declaration without notice.

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REACH Annex XVII ID Number	Substance	CAS Number	Historically used in electronics or electrical assemblies?
1	Polychlorinated terphenyls (PCTs)		Yes
2	Chloroethene, Chloroethylene (Vinyl chloride)	75-01-4	Yes
3	Liquid substances or mixtures which are regarded as dangerous in accordance with Directive 1999/45/EC or are fulfilling the criteria for any of the following hazard classes or categories set out in Annex I to Regulation (EC) No 1272/2008: (a) hazard classes 2.1 to 2.4, 2.6 and 2.7, 2.8 types A and B, 2.9, 2.10, 2.12, 2.13 categories 1 and 2, 2.14 categories 1 and 2, 2.15 types A to F;(b) hazard classes 3.1 to 3.6, 3.7 adverse effects on sexual function and fertility or on development,3.8 effects other than narcotic effects, 3.9 and 3.10	-	N/A
4	Tris (2,3 dibromopropyl) phosphate	126-72-7	Yes
5	Benzene	71-43-2	No
6	Asbestos fibres	-	Yes
7	Tris(aziridinyl)phosphin oxide	545-55-1	Yes
8	Polybromobiphenyls, Polybrominatedbiphenyls (PBB)	59536-65-1	Yes
9	(a) Soap bark powder (Quillaja saponaria) and its derivatives containing saponins (b) Powder of the roots of Helleborus viridis and Helleborus niger; (c) Powder of the roots of Veratrum album and Veratrum nigrum (d) Benzidine and/or its derivatives (e) o-Nitrobenzaldehyde (f) Wood powder	68990-67-0, 92-87-5, 552-89-6	Yes
10	Ammonium polysulphide, Ammonium sulphide, Ammonium hydrogen sulphide	9080-17-5, 12135-76-1, 12124-99-1	Yes
11	Volatile esters of bromoacetic acids: Butyl bromoacetate, Propyl bromoacetate, Ethyl bromoacetate, Methyl bromoacetate	18991-98-5, 35223-80-4, 105-36-2, 96-32-2	Yes
12	2-naphthylamine and its salts	91-59-8, 612-52-2, 553-00-4	Yes
13	Benzidine and its salts	92-87-5	Yes
14	4-Nitrobiphenyl	92-93-3	Yes
15	4-Aminobiphenyl xenylamine and its salts	92-67-1	No
16	Lead carbonates	1319-46-6, 598-63-0	No
17	Lead sulphates	7446-14-2, 15739-80-7	No
18a	Mercury	7439-97-6	No
18	Mercury compounds	-	No
19	Arsenic compounds	-	No
20	Organostannic compounds	-	No
21	Di-µ-oxo-di-n-butylstanniohydroxyborane / Dibutyltin hydrogen borate C8H19BO3Sn (DBB)	75113-37-0	No
22	Pentachlorophenol and its salts and esters	-	No
23	Cadmium and its compounds	-	No
24	Monomethyl — tetrachlorodiphenyl methane Trade name: Ugilec 141	76253-60-6	No
25	Monomethyl-dichloro-diphenyl methane Trade name: Ugilec 121, Ugilec 21	-	No
26	Monomethyl-dibromo-diphenyl methane bromobenzylbromotoluene, mixture of isomers Trade name: DBBT	99688-47-8	No
27	Nickel and its compounds	-	No
28	Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as carcinogen category 1A or 1B (Table 3.1) or carcinogen category 1 or 2 (Table 3.2)	-	No
29	Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as germ cell mutagen category 1A or 1B (Table 3.1) or mutagen category 1 or 2 (Table 3.2)	-	No
30	Substances which appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 classified as toxic to reproduction category 1A or 1B (Table 3.1) or toxic to reproduction category 1 or 2 (Table 3.2)	-	No
31	Low temperature tar oil, alkaline; extract residues (coal), low temperature coal tar alkaline, Tar acids, coal, crude; crude phenols; Distillates (coal tar), upper; heavy anthracene oil, Creosote oil; wash oil; Distillates (coal tar), naphthalene oils; naphthalene oil	-	No
32	Chloroform	67-66-3	No
34	1,1,2-Trichloroethane	79-00-5	No
35	1,1,2,2-Tetrachloroethane	79-34-5	No
36	1,1,1,2-Tetrachloroethane	630-20-6	Yes
37	Pentachloroethane	76-01-7	Yes
38	1,1-Dichloroethene	75-35-4	Yes
39	Deleted due to REACH updates		Yes
40	Substances classified as flammable gases category 1 or 2, flammable liquids categories 1, 2 or 3, flammable solids category 1 or 2, substances and mixtures which, in contact with water, emit flammable gases, category 1, 2 or 3, pyrophoric liquids category 1 or pyrophoric solids category 1	-	Yes
41	Hexachloroethane	67-72-1	No
43	Azocolourants and Azodyes	-	Yes
45	Diphenylether, octabromo derivative C12H2Br8O	-	No
46a	Nonylphenol ethoxylates (NPE) (C2H4O) _n C15H24O		No
46	Nonylphenol C6H4(OH)C9H19 and Nonylphenol ethoxylates	25154-52-3, 9016-45-9, 26027-38-3, 68412-53-3, 127087-87-0, 37205-87-1, 68412-54-4	No
47	Chromium VI compounds	-	Yes
48	Toluene	108-88-3	Yes
49	Trichlorobenzene	120-82-1	Yes

REACH Annex XVII ID Number	Substance	CAS Number	Historically used in electronics or electrical assemblies?
50	Polycyclic-aromatic hydrocarbons (PAHs): (a) Benzo[a]pyrene (BaP) (b) Benzo[e]pyrene (BeP) (c) Benzo[a]anthracene (BaA) (d) Chrysen (CHR) (e) Benzo[b]fluoranthene (BbFA) (f) Benzo[j]fluoranthene (BjFA) (g) Benzo[k]fluoranthene (BkFA) (h) Dibenzofluoranthene (DBFA)	50-32-8, 192-97-2, 56-55-3, 218-01-9, 205-99-2, 205-82-3, 207-08-9, 53-70-3	Yes
51	Phthalates: Dibutyl phthalate (DBP), Benzyl butyl phthalate (BBP), Bis (2-ethylhexyl) phthalate (DEHP)	84-74-2, 85-68-7, 117-81-7	No
52	Phthalates: 1,2-Benzenedicarboxylic acid, di-C8-10-branched alkyl esters, C9-rich, 1,2-Benzenedicarboxylic acid, di-C9-11-branched alkyl esters, C10-rich, Di-"isononyl" phthalate (DINP), Di-"isodecyl" phthalate (DIDP), Di-n-octyl phthalate (DNOP)	68515-48-0, 68515-49-1, 28553-12-0, 26761-40-0, 117-84-0	No
54	2-(2-methoxyethoxy)ethanol (DEGME)	111-77-3	No
55	2-(2-butoxyethoxy)ethanol (DEGBE)	112-34-5	No
56	Methylenediphenyl diisocyanate (MDI)	2536-05-2, 26447-40-5, 101-68-8, 5873-54-1	No
57	Cyclohexane	110-82-7	No
58	Ammonium nitrate (AN)	6484-52-2	No
59	Dichloromethane	75-09-2	No
60	Acrylamide	79-06-1	No
61	Dimethylfumarate (DMF)	624-49-7	No
62	Phenylmercury 2-ethylhexanoate, Phenylmercury acetate, Phenylmercury neodecanoate, Phenylmercury octanoate, Phenylmercury propionate	13302-00-6, 62-38-4, 26545-49-3, 13864-38-5, 103-27-5	No
63	Lead and its compounds	-	No
64	1,4-Dichlorobenzene	106-46-7	No
65	Inorganic ammonium salts		No
66	Bisphenol A	80-05-7	No
67	Bis(pentabromophenyl)ether (decaBDE)	1163-19-5	No
68	Perfluorooctanoic acid (PFOA) and its salts	335-67-1	No
69	Methanol	67-56-1	No
70	Octamethylcyclotetrasiloxane (D4) and Decamethylcyclopentasiloxane (D5)	556-67-2, 541-02-6	No
71	1-methyl-2-pyrrolidone (NMP)	872-50-4	No

Chemical Group	Substance_Name	CAS_Number	Historically used in electronics or electrical assemblies?
Perfluorooctane sulfonates C8F17SO2X (X = OH, Metal salt, halide, amide, and other derivatives including polymers) (PFOS), all members	Perfluorooctane sulfonate acid	1763-23-1	No
	Perfluorooctane sulfonate anion	45298-90-6	No
	Perfluoro-1-octanesulfonyl fluoride	307-35-7	No
	2-Propenoic acid, 2-methyl-, dodecyl ester, polymers with 2-[methyl]-(perfluoro-C4-8-alkyl)-sulfonylaminoethyl acrylate and vinylidene chloride	306975-62-2	Yes
	Glycine, N-ethyl-N-[(heptadecafluorooctyl)sulfonyl]-, potassium salt	2991-51-7	No
	Perfluorooctane sulfonate potassium salt	2795-39-3	No
	Perfluorooctane sulfonate ammonium salt	29081-56-9	No
	Perfluorooctane sulfonate lithium salt	29457-72-5	No
	Tetraethylammonium heptadecafluorooctansulfonate	56773-42-3	No
PFOA and its salts, Perfluorooctanoic acids C8F15O2X (X = H, NH4, and Metal salts), C10F reactives, all members	PFOA - perfluorooctanoic acid	335-67-1	Yes
	Ammonium salt of PFOA	3825-26-1	Yes
	Henicosafuoroundecanoic acid	2058-94-8	Yes
	Heptacosafuorotetradecanoic acid	376-06-7	Yes
	Sodium salt of PFOA	335-95-5	Yes
	Pentacosafuorotridecanoic acid	72629-94-8	Yes
	Potassium salt of PFOA	2395-00-8	Yes
	Silver salt of PFOA	335-93-3	No
	Tricosafuorododecanoic acid	307-55-1	Yes
	8-2 telomer alcohol:	678-39-7	Yes
	8-2 telomer olefin:	21652-58-4	Yes
	2-(perfluorooctyl)ethyl iodide, 8-2 telomer iodide:	2043-53-0	Yes
	C8 iodide:	507-63-1	Yes
	C10-2 fluorotelomer alcohol:	865-86-1	No
	C10-2 telomer B iodide:	2043-54-1	No

Chemical Group	Substance_Name	CAS_Number	Historically used in electronics or electrical assemblies?
Radioactive substances (including scrap metal contaminants), all members	Plutonium	7440-07-5	No
	Radium	7440-14-4	Yes
	Cesium 137	7440-46-2*	No
	Cobalt 60	7440-48-4*	No
	Iridium 77	7439-88-5*	No
	Molybdenum 99	7439-98-7*	No
	Strontium 90	7440-24-6*	No
	Thorium	7440-29-1	No
	Thorium Dioxide	1314-20-1	No
	Uranium	7440-61-1	No
Uranium Compounds	Various	No	

Note:

* CAS numbers provided are specific to each element, not the radioisotopic form listed in this table

Chemical Group	Substance_Name	CAS_Number	Historically used in electronics or electrical assemblies?
CARB Limits on the use of High Global Warming Potential Gases	Sulfur hexafluoride	2551-62-4	Yes
HCFCs, HBFCs and Halons, All members	1,1,1-Tribromo-2,2,2-trifluoroethane	354-48-3	No
	1,1-Dibromo-1,2,2,2-tetrafluoroethane	27336-23-8	No
	1,1-Dibromo-2,2-difluoroethylene	430-85-3	No
	1,2-Dibromo-1,1,2-trichloroethane	13749-38-7	No
	1,2-Dibromo-1-chloro-1,2,2-trifluoroethane	354-51-8	No
	1,2-Dibromotetrachloroethane	630-25-1	No
	1-Bromo-1-chloro-2,2-difluoroethylene	758-24-7	No
	2-Bromo-1,1-dichloroethylene	5870-61-1	No
	Bromodichlorofluoromethane	353-58-2	No
	Bromopentafluoroethane	354-55-2	No
	Bromotrifluoroethylene	598-73-2	No
	Carbon tetrabromide	558-13-4	No
	Chlorobromomethane	74-97-5	No
	Chlorobromotrifluoroethane	74925-63-6	No
	Chlorodibromomethane	124-48-1	No
	Chlorodifluorobromomethane	353-59-3	No
	Dibromodichloromethane	594-18-3	No
	Dibromotetrafluoroethane	25497-30-7	No
	Dibromotetrafluoroethane (Halon 2402)	124-73-2	No
	Ethane, 1-bromo-2-chloro-1,1,2-trifluoro-	354-06-3	No
	Ethane, 2-bromo-1-chloro-1,1,2-trifluoro-	354-20-1	No
	Ethane, 2-bromo-2-chloro-1,1,1-trifluoro-, (R)-	51230-17-2	No
	Ethane, 2-bromo-2-chloro-1,1,1-trifluoro-, (S)-	51230-18-3	No
	Ethane, tribromo-	598-16-3	No
	Ethene, tetrabromo-	79-28-7	No
	Methane, bromotrichloro-	75-62-7	No
	Methane, tribromofluoro-	353-54-8	No
	Methyl bromide (Bromomethane)	74-83-9	No
	Pentabromoethane	75-95-6	No
	Tribromochloromethane	594-15-0	No
	Trifluorobromomethane	75-63-8	No
	Dibromodifluoromethane	75-61-6	No
	1,1-Dichloro-1,2,2-trifluoroethane (HCFC-123b)	812-04-4	Yes
	1,2,2-Trichloro-1,1-difluoroethane	354-21-2	No
	1,2-Dichloro-1,1,2-trifluoroethane (HCFC-123a)	354-23-4	No
	1,2-Dichloro-1,1-difluoroethane	1649-08-7	No
	1,2-Dichloro-1,2-difluoroethane	431-06-1	No
	Dichlorodifluoropropane	134190-52-6	No
	Dichlorofluoropropane	127404-11-9	No
	Dichlorotetrafluoropropane	127564-83-4	No
	Dichlorotrifluoropropane	116890-51-8	No
	1,2-Dichloro-1-fluoroethane	430-57-9	No
	1,2-Dichloro-1-fluoroethylene	430-58-0	No
	1-Chloro-1,1,2,2-tetrafluoroethane (HCFC-124a)	354-25-6	Yes
	1-Chloro-1,1-difluoroethane	75-68-3	No
	1-Chloro-1,2-difluoroethylene	359-04-6	No
	1-Chloro-1-fluoroethylene	2317-91-1	No
	1-Chloro-2-fluoroethylene	460-16-2	No
	2-Chloro-1,1-difluoroethylene	359-10-4	No
	Chlorodifluoroethanes	25497-29-4	No
	Chlorodifluoromethane	75-45-6	No
	Chlorofluoromethane	593-70-4	No
	Chlorotetrafluoroethane	63938-10-3	No
	Dichlorofluoromethane	75-43-4	No
	Dichlorotrifluoroethane	34077-87-7	No
	Ethane, 1,1,1-trichloro-2-fluoro-	2366-36-1	No
	Ethane, 1,1,2-trichloro-1-fluoro-	811-95-0	No
	Ethane, 1,1,2-trichloro-2-fluoro-	359-28-4	No
	Ethane, 1,1-dichloro-1-fluoro-	1717-00-6	No
	Ethane, 1,2-difluoro-1,1,2-trichloro-	354-15-4	No
	Ethane, 1-chloro-1,2-difluoro-	338-64-7	No
Ethane, 2,2-dichloro-1,1,1-trifluoro-	306-83-2	No	
Ethane, 2-chloro-1,1,1,2-tetrafluoro-	2837-89-0	No	
Ethane, chloro-1,1-difluoro-	55949-44-5	No	
Ethane, monochlorodifluoro-	338-65-8	No	
Trichlorofluoroethane	27154-33-2	No	
chlorodifluoropropane	134190-53-7	No	
chlorofluoroethane	110587-14-9	Yes	
chlorofluoropropane	134190-54-8	No	
chlorohexafluoropropane	28987-04-4	No	
chloropentafluoropropane	108662-83-5	No	
chlorotetrafluoropropane	134190-50-4	No	
chlorotrifluoroethylene	79-38-9	No	
chlorotrifluoropropane	26588-23-8	No	
chloro-1,1,1-trifluoroethane	75-88-7	No	
Pentachlorodifluoropropane	116867-32-4	No	
Pentachlorofluoropropane	134190-48-0	No	
1-chloro-1,1,2-trifluoroethane	421-04-5	Yes	
1-chloro-1,2,2-trifluoroethane	431-07-2	No	
1,1-Dichloro-2-fluoroethane	430-53-5	No	
1,1-Dichloro-2,2-difluoroethane	471-43-2	No	
1,1,1,2-Tetrachloro-2-fluoroethane	354-11-0	Yes	
1,1,2,2-Tetrachloro-1-fluoroethane	354-14-3	No	
1,2-Dibromo-1,1-difluoroethane	75-82-1	No	

Chemical Group	Substance_Name	CAS_Number	Historically used in electronics or electrical assemblies?
	Dibromofluoromethane	1868-53-7	No
	C2H2F2Br2: 1,1-Dibromo-2,2-difluoroethane	359-19-3	No
	1,2-Dibromo-1,1-difluoroethane	75-82-1	No
	1-Bromo-2-fluoroethane	762-49-2	No
	1-Bromo-3-fluoropropane	352-91-0	No
	3-Bromo-1,1,1-trifluoropropane	460-32-2	No
	1,2-Dibromo-1-fluoroethane	358-97-4	No
	1,3-Dibromo-1,1-difluoropropane	460-25-3	No
	1,2-Dibromo-1,1,2-trifluoroethane	354-04-1	No
	2,3-Dibromo-1,1,1-trifluoropropane	431-21-0	No
	C2HFBr4	353-93-5; 306-80-9	No
	C2HF2Br3	7304-53-2; 677-34-9; 353-97-9	No
	C2H2FBr3	598-67-4; 420-88-2	No
	C2H3F2Br: Bromo-1,1-difluoroethane	359-07-9	No
	C3HFBr6	none	No
	C3HF2Br5	none	No
	C3HF3Br4	none	No
	C3HF4Br3	666-48-8	No
	C3H2FBr5	none	No
	C3H2F2Br4	148875-98-3	No
	1,2,2-Tribromo-3,3,3-trifluoropropane	421-90-9	No
	1,3-Dibromo-1,1,3,3-tetrafluoropropane	460-86-6	No
	C3H2F5Br	422-01-5; 677-52-1; 677-53-2; 22692-16-6; 460-88-8; 679-94-7; 26391-11-7; 53692-43-6; 53692-44-7	No
	C3H3FBr4	148875-95-0	No
	1,2,3-Tribromo-3,3-difluoropropane	666-25-1	No
	C3H3F4Br	19041-01-1; 29151-25-5; 679-84-5; 70192-71-1; 70192-84-6; 460-67-3	No
	C3H4FBr3	75372-14-4	No
	C3H5FBr2	453-00-9; 1786-38-5; 51584-26-0; 62135-10-8; 62135-11-9	No
	C3H5F2Br	111483-20-6; 430-87-5; 420-89-3; 420-98-4; 2195-05-3; 461-49-4	No
	1-Bromo-1,1-difluoroethane	420-47-3	No
	1-Bromo-1,1,2,3,3,3-hexafluoropropane	2252-78-0	No
	2-Bromo-1,1,1-trifluoroethane	421-06-7	No
	Ethane, 1,2-dibromo-1,1,2-trifluoro-	354-06-3	No
	Ethene, 2-bromo-1,1-difluoro-	359-08-0	No
	1,1,1-Trifluoro-2-bromoethane	421-06-7	No
	Propane, 1-bromo-2-fluoro-	1871-72-3	No
	Methyl bromide	74-83-9	Yes
	Bromofluoromethane	373-52-4	No
	Chlorobromomethane	74-97-5	No
	Carbon tetrachloride	56-23-5	Yes
	Bromotrifluoromethane	75-63-8	No
	1,1,1-trichloroethane	71-55-6	Yes
	Trichlorofluoromethane	75-69-4	No
	Chlorotrifluoromethane	75-72-9	Yes
	Dichlorodifluoromethane	75-71-8	No
	Pentachlorofluoroethane	354-56-3	No
	Heptachlorofluoropropane	422-78-6	No
	dichlorotetrafluoroethane	1320-37-2	No
	Hexachlorodifluoropropane	134452-44-1	No
	Bromochlorodifluoromethane	353-59-3	No
	Heptafluoropropyl chloride	422-86-6	No
	Monochloropentafluoroethane	76-15-3	No
	Pentachlorotrifluoropropane	2354-06-5	No
	1,2-Dibromotetrafluoroethane	124-73-2	No
	1,2-Difluorotetrachloroethane	76-12-0	No
	Tetrachlorotetrafluoropropane	29255-31-0	No
	1,2,2-Trichloropentafluoropropane	1599-41-3	No
	1,1,2-trichloro-1,2,2-trifluoroethane	76-13-1	No
	1,2-Dichloro-1,1,2,3,3,3-hexafluoropropane	661-97-2	No
	Heptachlorofluoropropane	135401-87-5	No
	Cryofluorane	76-14-2	No
	Dichloropentafluoropropane	127564-92-5	No
	Trichlorotrifluoroethane	26523-64-8	Yes
	Trichlorotrifluoroethane	354-58-5	No
	1,1-Dichloro-1,2,2,2-tetrafluoroethane	374-07-2	No
	Pentachlorotrifluoropropane	134237-31-3	No
	1,1,1-Trichloropentafluoropropane	4259-43-2	No
	1,1,1,2-Tetrachloro-2,2-difluoroethane	76-11-9	No
	1,1,1,3-Tetrachlorotetrafluoropropane	2268-46-4	No
	1,1,1,3,3-Pentachloro-2,2,3-trifluoropropane	2354-06-5	No
	1,1,1,3,3,3-Hexachloro-2,2-difluoropropane	3182-26-1	No

Annex E

Non-regulated Substances of Concern

Chemical Group	Substance_Name	CAS_Number	Historically used in electronics or electrical assemblies?
Non-regulated In EEE applications, Substances of Concern	Antimony and Antimony Compounds	Various	Yes
	Red Phosphorus, Elemental form	7723-14-0	No