

Micro Commercial Components Corp.

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MCC's Environmental Compliance Statement

Micro Commercial Components Corporation is committed to not use substances which known hazardous to human body and environment.

We carefully review our process and materials along with suppliers against below regulations.

1. Restriction of Hazardous Substances (RoHS) 2002/95/EC(RoHS 1.0) & 2011/65/EU(RoHS 2.0) & 2015/863/EU(RoHS 3.0) and 'China RoHS'.
2. Annex XVII of Regulation (EC) No. 1907/2006 (REACH)
3. REACH (EC) No 1907/2006 (REACH 240) updated 23 Jan 2024)
4. California Proposition 65 – 25 February 2022
5. China Volatile Organic Compounds (VOCs) Regulations
6. Persistent Organic Pollutants (POPs) Directive EU 2019/1021
7. Toxic Substances Control Act (TSCA) 5PBT
8. Halogen and Sb Free

1. The following table lists the restricted Hazardous Substances and their respective allowable maximum concentration values:

Restricted Substance	Maximum Concentration Value	Status of MCC products
Cadmium	≤ 100 ppm	Not contain
Lead	≤ 1000 ppm	Refer to product lists
Hexavalent chromium	≤ 1000 ppm	Not contain
Mercury	≤ 1000 ppm	Not contain
Polybrominated biphenyl (PBB)	≤ 1000 ppm	Not contain
Polybrominated diphenyl ether	≤ 1000 ppm	Not contain
Bis(2-ethylhexyl) phthalate	≤ 1000 ppm	Not contain
Butyl benzyl phthalate (BBP)	≤ 1000 ppm	Not contain
Dibutyl phthalate (DBP)	≤ 1000 ppm	Not contain
Diisobutyl phthalate (DIBP)	≤ 1000 ppm	Not contain

2. The following table lists the Annex XVII of Regulation (EC) No. 1907/2006 (REACH)

All plastic devices manufactured by MCC meet the substance restrictions specified in Annex XVII of Regulation (EC) No. 1907/2006 (REACH).

No.	Substances Name	EC No.	CAS No.	Remark
1	Polychlorinated terphenyls, PCT	-	-	
2	Chloro-1-ethylene (monomer vinyl chloride)	200-831-0	75-01-04	
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; (c) hazard class 4.1; (d) hazard class 5.1.	-	-	
4	2,3 dibromopropyl) phosphate	-	126-72-7	
5	Benzene	200-753-7	71-43-2	
6	Asbestos fiber	-	-	
	Crocidolite	-	12001-28-4	
	Amosite	-	12172-73-5	
	Anthophyllite	-	77536-67-5	
	Actinolite	-	77536-66-4	
	Tremolite	-	77536-68-6	

	Chrysotile	-	132207-32-0	
7	Tris-(aziridinyl)phosphin oxide	-	5455-55-1	
8	Polybromobiphenyls; Polybrominated biphenyls, PBB	-	59536-65-1	
9	Soap bark powder (Quillaja saponaria) and its derivatives containing saponines	273-620-4	68990-67-0	
	Benzidine and / or its derivatives	-	-	
	o-Nitrobenzaldehyde	209-025-3	552-89-6	
	Powder of the roots of Veratrum album and Veratrum nigrum	-	-	
	Wood powder	-	-	
	Powder of the roots of Helleborus viridis and Helleborus niger	-	-	
10	Ammonium sulphide	235-223-4	12135-76-1	
	Ammonium hydrogen sulphide	235-184-3	12124-99-1	
	Ammonium polysulphide	232-989-1	9080-17-5	
11	Volatile esters of bromoacetic acids			
	Methyl bromoacetate	202-499-2	96-32-2	
	Ethyl bromoacetate	203-290-9	105-36-2	
	Propyl bromoacetate	-	35223-80-4	
	Butyl bromoacetate	242-729-9	18991-98-5	
12	2-Naphthylamine	202-080-4	91-59-8	
13	Benzidine	202-199-1	92-87-5	
14	4-Nitrobiphenyl	202-204-7	92-93-3	
15	4-Aminobiphenyl xenylamine	202-177-1	92-67-1	
16	Lead carbons	-	-	
	Neutral anhydrous carbonate	209-943-4	598-63-0	
	Trilead-bis(carbonate)-dihydroxide 2PbCO ₃ -Pb(OH) ₂	215-290-6	1319-46-6	
17	Lead sulphates	-	-	
	PbSO ₄ (1:1)	231-198-9	7446-14-2	
	PbxSO ₄	239-831-0	15739-80-7	
18	Mercury compounds	-	-	
18a	Mercury	231-106-7	7439-97-6	
19	Arsenic compounds	-	-	
20	Organostannic compounds	-	-	
21	Di-μ-oxo-di-n- butylstanniohydroxyborane/Dibutyltin hydrogen borate C ₈ H ₁₉ BO ₃ Sn (DBB)	401-040-5	75113-37-0	
22	Pentachlorophenol	201-778-6	87-86-5	
23	Cadmium	231-152-8	7440-43-9	
24	Ugilec 141 Monomethyl tetrachlorodiphenyl methane	-	76253-60-6	
25	Ugilec 121, Ugilec 21 Monomethyl-dichloro-diphenyl methane	-	unknown	

26	DBBT Monomethyl-dibromo-diphenyl methane	-	99688-47-8	
27	Nickel	231-111-4	7440-02-0	
28	Substances which are classified as carcinogen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 1 or Appendix 2, respectively. — Carcinogen category 1B (Table 3.1)/ carcinogen category 2 (Table 3.2) listed in Appendix 2 — Carcinogen category 1A (Table 3.1)/ carcinogen category 1 (Table 3.2) listed in Appendix 1	-	-	
29	Substances which are classified as germ cell mutagen category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 3 or Appendix 4, respectively. — Mutagen category 1B (Table 3.1)/ mutagen category 2 (Table 3.2) listed in Appendix 4 — Mutagen category 1A (Table 3.1)/ mutagen category 1 (Table 3.2) listed in Appendix 3	-	-	
30	Substances which are classified as reproductive toxicant category 1A or 1B in Part 3 of Annex VI to Regulation (EC) No 1272/2008 and are listed in Appendix 5 or Appendix 6, respectively. — Reproductive toxicant category 1B adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 2 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 6 — Reproductive toxicant category 1A adverse effects on sexual function and fertility or on development (Table 3.1) or reproductive toxicant category 1 with R60 (May impair fertility) or R61 (May cause harm to the unborn child) (Table 3.2) listed in Appendix 5	-	-	
31	Creosote; wash oil	232-287-5	8001-58-9	
	Creosote oil; wash oil	263-047-8	61789-28-4	
	Distillates(coal tar),naphthalene oils	283-484-8	84650-04-4	
	Creosote oil, acenaphthene fraction; wash oil	292-605-3	90640-84-9	
	Distillates (coal tar), upper; heavy anthracene oil	266-026-1	65996-91-0	
	Anthracene oil	292-602-7	90640-80-5	
	tar acids, coal, crude; crude phenols	266-019-3	65996-85-2	
	creosote, wood	232-419-1	8021-39-4	
	low temperature tar oil, alkaline; extract residues(coal), low temperature coal tar oil alkaline	310-191-5	122384-78-5	
32	Chloroform	200-663-8	67-66-3	
34	1,1,2- Trichloroethane	201-166-9	79-00-5	
35	1,1,2,2-Tetrachloroethane	201-197-8	79-34-5	
36	1, 1, 1, 2 Tetrachloroethane	-	630-20-6	
37	Pentachloroethane	200-925-1	76-01-7	
38	1,1-Dichloroethylene	200-864-0	75-35-4	
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, regardless of whether they appear in Part 3 of Annex VI to Regulation (EC) No 1272/2008 or not	-	-	

41	Hexachloroethane	200-6664	67-72-1	
43	Azocolourants and Azodyes	-	-	
45	Diphenylether, octabromo derivative; C ₁₂ H ₂ Br ₈ O	-	-	
46	Nonylphenol C ₆ H ₄ (OH)C ₉ H ₁₉	-	-	
	Nonylphenol ethexylate; (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O	-	-	
46a	Nonylphenol ethoxylates (C ₂ H ₄ O) _n C ₁₅ H ₂₄ O	-	-	
	4-Nonylphenol, ethoxylated	500-045-0	26027-38-3	
	Isononylphenol, ethoxylated	609-346-2	37205-87-1	
	4-Nonylphenol, branched, ethoxylated	500-315-8	127087-87-0	
	Nonylphenol, branched, ethoxylated	500-209-1	68412-54-4; 37205-87-1	
47	Chromium VI compounds	-	-	
48	Toluene	203-625-9	108-88-3	
49	Trichlorobenzene	204-428-0	120-82-1	
50	Polycyclic-aromatic hydrocarbons (PAH)	-	-	
	Benzo[a]pyrene(BaP)	-	50-32-8	
	Benzo[e]pyrene(BeP)	-	192-97-2	
	Benzo[a]anthracene(BaA)	-	56-55-3	
	Chrysen(CHR)	-	218-01-9	
	Benzo[b]fluoranthene(BbFA)	-	205-99-2	
	(f) Benzo[j]fluoranthene(BjFA) Benzo[j]fluoranthene(BjFA)	-	205-82-3	
	(g) Benzo[k]fluoranthene(BkFA) Benzo[k]fluoranthene(BkFA)	-	207-08-9	
	Dibenzo(a,h)anthene(DBAaH)	-	53-70-3	
51	phthalate	-	-	
	Bis(2-ethylhexyl)phthalate(DEHP)	204-211-0	117-81-7	
	Dibutyl phthalate(DBP)	201-557-4	84-74-2	
	Benzyl butyl phthalate(BBP)	201-622-7	85-68-7	
	Diisobutyl phthalate (DIBP)	201-553-2	84-69-5	
52	鄰苯二甲酸鹽	-	-	
	di-“isononyl” phthalate(DINP)	249-079-5	28553-12-0	
	1,2-Benzenedicarboxylic acid, di-C ₉ -11-branched alkyl esters, C ₁₀ -rich	271-091-4	68515-49-1	
	di-“isodecyl” phthalate(DIDP)	247-977-1	26761-40-0	
	1,2-Benzenedicarboxylic acid, di-C ₈ -10-branched alkyl esters, C ₉ -rich	271-090-9	68515-48-0	
	di-n-octyl phthalate(DNOP)	204-214-7	117-84-0	
54	DEGME	203-906-6	111-77-3	
55	2-DEGBE	203-961-6	112-34-5	

56	Methylenediphenyl diisocyanate (MDI) including the following specific isomers (See group members):	-	-	
	(a) 4,4'-Methylenediphenyl diisocyanate:	202-966-0	101-68-8	
	(b) Methylenediphenyl diisocyanate (MDI)	247-714-0	26447-40-5	
	(c) 2,4'-Methylenediphenyl diisocyanate:	227-534-9	5873-54-1	
	(d) 2,2'-Methylenediphenyl diisocyanate:	219-799-4	2536-05-2	
57	Cyclohexane	203-806-2	110-82-7	
58	Ammonium nitrate	229-347-8	6484-52-2	
59	Dichloromethane	200-838-9	75-09-2	
60	Acrylamide	-	79-06-1	
61	Dimethylfumarate (DMF)	210-849-0	624-49-7	
62	Phenylmercury acetate	200-532-5	62-38-4	
	Phenylmercury propionate	203-094-3	103-27-5	
	Phenylmercury 2-ethylhexanoate	236-326-7	13302-00-6	
	Phenylmercury octanoate	-	13864-38-5	
	Phenylmercury neodecanoate	247-783-7	26545-49-3	
63	Lead and its compounds	231-100-4	7439-92-1	
64	1,4-dichlorobenzene	203-400-5	106-46-7	
65	Inorganic ammonium salts	-	-	
66	Bisphenol A	201-245-8	80-05-7	
67	Bis(pentabromophenyl)ether (decabromodiphenyl ether; decaBDE)	214-604-9	1163-19-5	
68	全氟辛酸 (PFOA)及其鹽類	206-397-9	335-67-1	
69	Methanol	200-659-6	67-56-1	
70	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	
	Decamethylcyclopentasiloxane (D5)	208-764-9	541-02-6	
71	1-methyl-2-pyrrolidone(NMP)	212-828-1	872-50-4	
72	The following substances which are classified as carcinogenic, mutagenic or toxic for reproduction, category 1A or 1B (See group members) https://eur-lex.europa.eu/legal-content/EN/TXT/PDF/?uri=CELEX:02006R1907-20190107&from=EN:#page=518	-	-	REACH Appendix 12
73	(3,3,4,4,5,5,6,6,7,7,8,8,8-tridecafluorooctyl)silanetriol and any of its mono-, di- or tri-O-(alkyl) derivatives	-	-	

3. REACH (EC) No 1907/2006 (REACH 240) updated 23 Jan 2024)

All plastic devices manufactured by MCC, do not contain substances on the REACH 240 SVHC

candidate list in concentrations greater than 0.1% by weight per article, except Lead*(Refer to product lists)

The First Batch of SVHC List (Published on Oct 28,2008,total 15)

Item	SVHC	CAS
1	4,4-Diaminodiphenylmethane	101-77-9
2	5-tert-butyl-2,4,6-trinitro-m-xylene	81-15-2
3	Alkane, C10-13, chloro (Short Chain Chlorinated Pafaffins)	85535-84-8
4	Anthracene	120-12-7
5	Diarsenic pentaoxide	1303-28-2
6	Diarsenic trioxide	1327-53-3
7	Bis(2-ethylhexyphthalate)(DEHP)	117-81-7
8	Bis(tributyltin)oxide	56-35-9
9	Benzyl butyl phthalate(BBP)	85-68-7
10	Cobalt dichloride	7646-79-9
11	Dibutyl phthalate(DBP)	84-74-2
12	Hexabromocyclododecane(HBCDD) and all major diastereoispmers Identified(α -HBCDD, β -HBCDD, γ -HBCDD)	25637-99-4 and 3194-55-6
13	Lead hydrogen arsenate	7784-40-9
14	Sodium dicromate	7789-12-0 10588-01-9
15	Triethyl arsenate	15606-95-8

The Second Batch of SVHC List (Published on Jan 13,2010,total 13)

Item	SVHC	CAS
16	Anthracene oil	90640-80-5
17	Anthracene oil, anthracene paste,distn. Lights	91995-17-4
18	Anthracene oil, anthracene paste,anthracene fraction	91995-15-2
19	Anthracene oil, anthracene-low	90640-82-7
20	Anthracene oil, anthracene paste	90640-81-6
21	Coal tar pitch, high temperature	65996-93-2
22	Tris(2-chloroethyl)phosphate	115-96-8
23	2,4-Dinitrotoluene	121-14-2
24	Diisobutyl phthalate	84-69-5
25	Lead Chromate Molybdate Sulfate red(C.I Pigment Red 104)	12656-85-8
26	Lead Sulfochromate yellow(C.I.Pigment Yellow 34)	1344-37-2
27	Lead Chromate	7758-97-6
28	Acrylamide	79-06-01

The Third Batch of SVHC List (Published on June 18,2010,total 8)

Item	SVHC	CAS
29	Trichloroethylene	79-01-6
30	Boric acid	10043-35-3 11113-50-1
31	Disodium tetraborate, anhydrou	1330-43-4
32	Tetraboron disodium heptaoxide hydrate	12267-73-1
33	Sodium chromate	7775-11-3
34	Potassium chromate	7789-00-6
35	Ammonium dichromate	7789-09-5
36	Potassium dichromate	7778-50-9

The Four Batch of SVHC List (Published on December 15,2010,total 8)

Item	SVHC	CAS
37	Carbalt(II) sulphate	10124-43-3
38	Carbalt(II) dinitrate	10141-05-6
39	Cobalt(II) carbonate	513-79-1
40	Carbalt(II) diacetate	71-48-7
41	2-Methoxyethanol	109-86-4
42	2-Ethoxyethanol	110-80-5
43	Chromium trioxide	1333-82-0
44	Chromic acid Oligomers of chromic acid and dichromic acid, Dichromic acid	7738-94-5 13530-68-2

The Five Batch of SVHC List (Published on June 20,2011,total 7)

Item	SVHC	CAS
45	2-Ethoxyethyl acetate	111-15-9
46	Strontium chromate	7789-6-2
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)	68515-42-4
48	Hydrazine	302-01-2 7803-57-8
49	1-methyl-2-pyrrolidone	872-50-4
50	1,2,3-Trichloropropane	96-18-4
51	1,2-Benzenedicarboxylic acid,di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6

The Six Batch of SVHC List (Published on December 19,2011,total 20)

Item	SVHC	CAS
52	Dichromium tris(chromate)	24613-89-6
53	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9
54	Pentazinc chromate octahydroxide	49663-84-5
55	Aluminosilicate Refractory Ceramic Fibres (RCF)	-

56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4
58	Bis(2-methoxyethyl) phthalate	117-82-8
59	2-Methoxyaniline 2-o-Anisidine	90-04-0
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9
61	1,2-Dichloroethane	107-06-2
62	Bis(2-methoxyethyl) ether	111-96-6
63	Arsenic acid	7778-39-4
64	Calcium arsenate	7778-44-1
65	Trilead diarsenate	3687-31-8
66	N,N-dimethylacetamide(DMAC)	127-19-5
67	2,2'-dichloro-4,4'-methylenedianiline(MOCA)	101-14-4
68	Phenolphthalein	77-09-8
69	Lead azide Lead diazide	13424-46-9
70	Lead styphnate	15245-44-0
71	Lead dipicrate	6477-64-1

The Seventh Batch of SVHC List (Published on June 18,2012,total 13)

Item	SVHC	CAS
72	1,2-bis(2-methoxyethoxy)ethane(TEGDME;triglyme)	112-49-2
73	1,2-dimethoxyethane;ethylene glycol dimethyl ether(EGDME)	110-71-4
74	Diboron trioxide(Note:Except Glass Package Products)	1303-86-2
75	Formamide	75-12-7
76	Lead(II) bis(methanesulfonate)	17570-76-2
77	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione (TGIC)	2451-62-9
78	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

The Seventh Batch of SVHC List (Published on June 18,2012,total 13)

Item	SVHC	CAS
79	4,4'-bis(dimethylamino)benzophenone(Michler's ketone)	90-94-8
80	N,N,N',N'-tetramethyl-4,4'-methylenedianiline(Michler's base)	101-61-1
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride	2580-56-5
82	[4-4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,t-dien-1 -ylidene]dimethylammonium	548-62-9
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1
84	α, α	6786-83-0

The Eighth Batch of SVHC List (Published on December 19,2012,total 54)

Item	SVHC	CAS
85	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5
86	Pentacosafuorotridecanoic acid	72629-94-8
87	Tricosafuorododecanoic acid	307-55-1
88	Henicosafuoroundecanoic acid	2058-94-8
89	Heptacosafuorotetradecanoic acid	376-06-7
90	C,C'-azodi(formamide)	123-77-3
91	Cyclohexane-1,2-dicarboxylic anhydride	85-42-7 13149-00-3 14166-21-3
92	Hexahydromethylphthalic anhydride Hexahydro-4-methylphthalic anhydride Hexahydro-1-methylphthalic anhydride Hexahydro-3-methylphthalic anhydride	25550-51-0 19438-60-9 48122-14-1 57110-29-9
93	4-Nonylphenol, branched and linear	-
94	4-(1,1,3,3-Tetramethylbutyl)phenol, ethoxylated	-
95	Methoxyacetic acid	625-45-6
96	N,N-dimethylformamide	68-12-2
97	Dibutyltin dichloride	683-18-1
98	Lead monoxide(Note:Except Glass Package Products)	1317-36-8
99	Lead tetroxide	1314-41-6
100	Lead bis(tetrafluoroborate)	13814-96-5

The Eighth Batch of SVHC List (Published on December 19,2012,total 54)

Item	SVHC	CAS
101	Trilead bis(carbonate)dihydroxide	1319-46-6
102	Lead titanium trioxide	12060-00-3
103	Lead Titanium Zirconium Oxide	12626-81-2
104	Silicic acid, lead salt	11120-22-2
105	Silicic acid, barium salt, lead-doped	68784-75-8
106	1-Bromopropane	106-94-5
107	Propylene oxide	75-56-9
108	1,2-Benzenedicarboxylic acid,dipentylester, branched and linear	84777-06-0
109	Diisopentylphthalate (DIPP)	605-50-5
110	N-pentyl-isopentylphthalate	776297-69-9
111	1,2-Diethoxyethane	629-14-1
112	Acetic acid, lead salt, basic	51404-69-4
113	Lead oxide sulphate	12036-76-9

114	[Phthalato(2-)]dioxotrilead	69011-06-9
115	Dioxobis(stearato)trilead	12578-12-0
116	Fatty acids, C16-18, lead salts	91031-62-8
117	Lead cyanamidate	20837-86-9
118	Lead dinitrate	10099-74-8
119	Pentalead tetraoxide sulphate	12065-90-6
120	Pyrochlore, antimony lead yellow	8012-00-8
121	Sulfurous acid, lead salt, dibasic	62229-08-7
122	Tetraethyllead	78-00-2
123	Tetralead trioxide sulphate	12202-17-4
124	Trilead dioxide phosphonate	12141-20-7
125	Furan	110-00-9
126	Diethyl sulphate	64-67-5
127	Dimethyl sulphate	77-78-1

The Eighth Batch of SVHC List (Published on December 19,2012,total 54)

Item	SVHC	CAS
128	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2
129	6-sec-butyl-2,4-dinitrophenol	88-85-7
130	4,4'-methylenedi-o-toluidine	838-88-0
131	4,4'-oxydianiline and its salts	101-80-4
132	4-aminoazobenzene	60-09-3
133	4-methyl- <i>m</i> -phenylenediamine(toluene-2,4-diamine)	95-80-7
134	6-methoxy- <i>m</i> -toluidine(<i>p</i> -cresidine)	120-71-8
135	Biphenyl-4-ylamine	92-67-1
136	<i>o</i> -aminoazotoluene	97-56-3
137	<i>o</i> -toluidine	95-53-4
138	N-methylacetamide	79-16-3

The Ninth Batch of SVHC List (Published on June 20,2013,total 6)

Item	SVHC	CAS
139	Cadmium	7440-43-9
140	Cadmium oxide	1306-19-0
141	Ammonium pentadecafluorooctanoate(AP)	3825-26-1
142	Pentadecafluorooctanoic acid(P A)	335-67-1
143	Dipentyl phthalate(DPP)	131-18-0
144	4-Nonylphenol,branched and linear,ethoxylated	-

The Tenth Batch of SVHC List (Published on December 16,2013,total 7)

Item	SVHC	CAS
145	Cadmium sulphide	1306-23-6
146	Dihexyl phthalate	84-75-3
147	3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)(C.I. Direct Red 28)	573-58-0
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo]-5-hydroxy-6-(phenylazo)aphthalene-2,7-disulphonate(C.I. Direct Black 38)	1937-37-7
149	Imidazolidine-2-thione; 2-imidazoline-2-thiol	96-45-7
150	Lead di(acetate)	301-04-2
151	Trixylyl phosphate	25155-23-1

List of The Eleventh Batch of SVHC(Published on June 16,2014,total 4)

Item	SVHC	CAS
152	Cadmium chloride	10108-64-2
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	68515-50-4
154	Sodium peroxometaborate	7632-04-4
155	Sodium perborate; perboric acid, sodium salt	-

List of The Twelfth Batch of SVHC(Published on December 17,2014,total 6)

Item	SVHC	CAS
156	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7
157	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol(UV-328)	25973-55-1
158	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate(D T)	15571-58-1
159	Cadmium fluoride	7790-79-6
160	Cadmium sulphate	10124-36-4 31119-53-6
161	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 D T and M T)	-

List of The Thirteenth Batch of SVHC(Published on June 15,2015,total 2)

Item	SVHC	CAS
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 (C No. 201-559-5)	68515-51-5 68648-93-1
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] [coerising any of the individual isomers of [1] and [2] or any combination thereof]	-

List of The Fourteenth Batch of SVHC(Published on December 17,2015,total 5)

Item	SVHC	CAS
164	1,3-propanesultone	1120-71-4
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol(UV-327)	3864-99-1
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol(UV-350)	36437-37-3
167	Nitrobenzene	98-95-3
168	Perfluorononan-1-oic acid	375-95-1 21049-39-8 4149-60-4

List of The Fifteenth Batch of SVHC(Published on June 20,2016,total 1)

Item	SVHC	CAS
169	Benzo[def]chrysene(Be nzo[a]pyrene)	50-32-8

List of The Sixteenth Batch of SVHC(Published on December 19,2016,total 4)

Item	SVHC	CAS
170	4,4'-isopropylidenediphenol (bisphenol A)	80-05-7
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]	-
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3
173	p-(1,1-dimethylpropyl)phenol	80-46-6

List of The Seventeenth Batch of SVHC(Published on July 6 ,2017,total 1)

Item	SVHC	CAS
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4

List of The Eighteenth Batch of SVHC(Published on January 15 ,2017,total 7)

Item	SVHC	CAS
175	Dechlorane Plus(TM) and reaction products of 1,3,4-thiadiazolidine-2,5-dithione	-
176	benz[a]anthracene	200-280-6
177	cadmium nitrate	233-710-6
178	cadmium carbonate	208-168-9
179	cadmium hydroxide	244-168-5
180	chrysene	205-923-4
181	formaldehyde and 4-heptylphenol,branched and linear (RP-HP) [with ≥0.1% w/w 4-heptylphenol, branchedand linear]	-

List of The Nineteenth Batch of SVHC(Published on June 27 ,2018,total 10)

Item	SVHC	CAS
182	Octamethylcyclotetrasiloxane (D4)	556-67-2
183	Decamethylcyclopentasiloxane (D5)	541-02-6
184	Dodecamethylcyclohexasiloxane (D6)	540-97-6
185	Lead (Note:Some products contain lead due to process problems , and we have active disclosure on our Datasheet)	7439-92-1
186	Disodium octaborate	12008-41-2
187	Benzo[ghi]perylene	191-24-2
188	Terphenyl hydrogenated	61788-32-7
189	Ethylenediamine (EDA)	107-15-3
190	Benzene-1,2,4-tricarboxylic acid 1,2 anhydride (trimellitic anhydride) (TMA)	552-30-7
191	Dicyclohexyl phthalate (DCHP)	84-61-7

List of The Twentieth Batch of SVHC(Published on January 15 ,2019,total 6)

Item	SVHC	CAS
192	2,2-bis(4'-hydroxyphenyl)-4-methylpentane	6807-17-6
193	Benzo[k]fluoranthene	207-08-9
194	Fluoranthene	206-44-0
195	Phenanthrene	85-01-8
196	Pyrene	129-00-0
197	1,7,7-trimethyl-3-(phenylmethylene)-bicyclo- [2.2.1]heptan-2-one	15087-24-8

List of The Twenty-first Batch of SVHC(Published on July 16 ,2019,total 4)

Item	SVHC	CAS
198	2-methoxyethyl acetate	110-49-6
199	Tris(4-nonylphenyl,branched and linear) phosphite(TNPP) with ≥ 0.1% w/w of 4-nonylphenol, branched and linear(4-NP)	-
200	2,3,3,3-tetrafluoro-2-(heptafluoropropoxy) propionic acid, its salts and its acyl halides(covering any of their individual isomers and combinations thereof)	-
201	4-tert-butylphenol	98-54-4

List of The Twenty-second Batch of SVHC(Published on January 16 ,2020,total 4)

Item	SVHC	CAS
202	Diisohexyl phthalate	71850-09-4
203	2-benzyl-2-dimethylamino-4'-morpholinobutyrophenone	119313-12-1
204	2-methyl-1-(4-methylthiophenyl)-2-morpholinopropan-1-one	71868-10-5
205	Perfluorobutane sulfonic acid (PFBS) and its salts	-

List of The Twenty-third Batch of SVHC(Published on June 25 ,2020,total 4)

Item	SVHC	CAS
206	1-Vinylimidazole	1072-63-5
207	2-Methylimidazole	693-98-1
208	Dibutylbis(pentane-2,4-dionato-O,O')tin	22673-19-4
209	Butyl 4-hydroxybenzoate	94-26-8

List of The Twenty-fourth Batch of SVHC(Published on January 19 ,2021,total 2)

Item	SVHC	CAS
210	Bis(2-(2-methoxyethoxy)ethyl) ether -	143-24-8
211	Dioctyltin 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	-

List of The Twenty-fifth Batch of SVHC(Published on April 23 ,2021,total 8)

Item	SVHC	CAS
212	1,4-dioxane	123-91-1
213	2,2-bis(bromomethyl)-1,3-propanediol(BMP); Tbnpa; 2,3-dibromo-1-propanol(2,3-dbpa)	56-35-9
214	2-(4-tert-butylbenzyl) propanol and its stereoisomers	-
215	Bisphenol B (BPb)	77-40-7
216	Glutaraldehyde	111-30-8
217	Medium chain chlorinated paraffins (MCCP) (uvcb substance, consisting of more than 80% linear chloroalkanes with carbon chain length between C14 and C17)	-
218	Sodium borate	13840-56-7
219	Alkyphenols,whose carbon chain(C12-based,straight or branched) is mainly in the para position, including any single isomer or combination(PDDP)	-

List of The Twenty-sixth Batch of SVHC(Published on September 3 ,2021,total 4)

Item	SVHC	CAS
220	(±)-1,7,7-trimethyl-3-[(4-methylphenyl)methylene]bicyclo[2.2.1]heptan-2-one covering any of the individual isomers and/or combinations thereof (4-MBC)	-
221	6,6'-di-tert-butyl-2,2'-methylenedi-p-cresol (DBMC)	119-47-1
222	S-(tricyclo[5.2.1.0' ² ,6]deca-3-en-8(or 9)-yl) O-(isopropyl or isobutyl or 2-ethylhexyl) O-(isopropyl or isobutyl or 2-ethylhexyl) phosphorodithioate	255881-94-8
223	tris(2-methoxyethoxy)vinylsilane	1067-53-4

List of The Twenty-seventh Batch of SVHC(Published on June 10 ,2022,total 1)

Item	SVHC	CAS
224	N-(hydroxymethyl)acrylamide	924-42-5

List of The Twenty-eighth Batch of SVHC(Published on Jan 17 ,2023,total 9)

Item	SVHC	CAS
225	1,1'-[ethane-1,2-diylbis(oxy)]bis[2,4,6-tribromobenzene]	37853-59-1
226	2,2',6,6'-tetrabromo-4,4'-isopropylidenediphenol	79-94-7
227	4,4'-sulphonyldiphenol	80-09-1
228	Barium diboron tetraoxide	13701-59-2
229	Bis(2-ethylhexyl) tetrabromophthalate covering any of the individual isomers and/or combinations thereof	-
230	Isobutyl 4-hydroxybenzoate	4247-02-03
231	Melamine	108-78-1
232	Perfluoroheptanoic acid and its salts	-
233	reaction mass of 2,2,3,3,5,5,6,6-octafluoro-4-(1,1,1,2,3,3,3-heptafluoropropan-2-yl)morpholine and 2,2,3,3,5,5,6,6-octafluoro-4-(heptafluoropropyl)morpholine	-

List of The Twenty-ninth Batch of SVHC(Published on Jun 14 ,2023,total 2)

Item	SVHC	CAS
234	Diphenyl(2,4,6-trimethylbenzoyl)phosphine oxide	75980-60-8
235	Bis(4-chlorophenyl) sulphone	80-07-9

List of The Thirtieth Batch of SVHC(Published on January 23 ,2024,total 5)

Item	SVHC	CAS
236	Oligomerisation and alkylation reaction products of 2-phenylpropene and phenol	-
237	Bumetrizole (UV-326)	3896-11-5
238	2-(dimethylamino)-2-[(4-methylphenyl)methyl]-1-[4-(morpholin-4-yl)phenyl]butan-1-one	119344-86-4
239	2-(2H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol (UV-329)	3147-75-9
240	2,4,6-tri-tert-butylphenol	732-26-3

4. California Proposition 65 – 25 February 2022

California Proposition 65, officially known as the Safe Drinking Water and Toxic Enforcement Act of 1986, was enacted in November 1986. Proposition 65 protects the state's drinking water sources from being contaminated with chemicals known to cause cancer, birth defects or other reproductive harm, and requires businesses to inform individuals in the State of California about possible exposures to chemicals known to the State of California to cause cancer or reproductive toxicity and described in the [Proposition 65 List](#).

Some MCC's products may contain one or more chemicals lists in California Proposition 65. These chemicals are embedded in the homogeneous material and are not intended to expose any person during normal product use. Accordingly, California Proposition 65 "clear and reasonable" warning requirements not apply for MCC products.

5. China Volatile Organic Compounds (VOCs) Regulations

All devices manufactured by MCC meet VOCs Regulations released in 2020

- ☐ **GB 38508-2020** *Limits for Volatile Organic Compounds Content in Cleaning Agents*
- ☐ **GB 33372-2020** (substitute for GB/T 33372-2016) *Limit of Volatile Organic Compounds Content in Adhesive*

- **GB 30981-2020** (substitute for GB 30981-2014) *Limit of Harmful Substances of Industrial Protective Coatings*
- **GB 38507-2020** *Limits of Volatile Organic Compounds (VOCs) in Printing Ink*

6. Persistent Organic Pollutants (POPs) Directive EU 2019/1021

All devices manufactured by MCC not contain any prohibited substances of POPs

No	Substances	CAS No.
1	Tetrabromodiphenyl ether	40088-47-9 and others
2	Pentabromodiphenyl ether	32534-81-9 and others
3	Hexabromodiphenyl ether	36483-60-0 and others
4	Heptabromodiphenyl ether	68928-80-3 and others
5	Bis(pentabromophenyl) ether	1163-19-5
6	Perfluorooctane sulfonic acid and its derivatives (PFOS) C ₈ F ₁₇ SO ₂ X (X = OH, Metal salt (O-M+), halide, amide, and other derivatives including polymers)	1763-23-1 2795-39-3 29457-72-5 29081-56-9 70225-14-8 56773-42-3 251099-16-8 4151-50-2 31506-32-8 1691-99-2 24448-09-7 307-35-7 and others
7	DDT(1,1,1-trichloro-2,2-bis(4-chlorophenyl)ethane)	50-29-3
8	Chlordane	57-74-9
9	Hexachlorocyclohexanes including lindan	58-89-9; 319-84-6; 319-85-7; 608-73-1
10	Dieldrin	60-57-1
11	Endrin	72-20-8
12	Heptachlor	76-44-8
13	Endosulfan	115-29-7; 959-98-8; 33213-65-9
14	Hexachlorobenzene	118-74-1
15	Chlordecone	143-50-0
16	Aldrin	309-00-2
17	Pentachlorobenzene	608-93-5
18	Polychlorinated Biphenyls (PCB)	1336-36-3 and others
19	Mirex	2385-85-5
20	Toxaphene	8001-35-2
21	Hexabromobiphenyl	36355-01-8
22	1 Hexabromocyclododecane 'Hexabromocyclododecane' means: hexabromocyclododecane, 1,2,5,6,9,10-hexabromocyclododecane and its main diastereoisomers: alpha-hexabromocyclododecane; beta-hexabromocyclododecane; and gamma-hexabromocyclododecane	25637-99-4, 3194-55-6, 134237-50-6, 134237-51-7, 134237-52-8
23	Hexachlorobutadiene	87-68-3
24	Pentachlorophenol and its salts and esters	87-86-5 and others
25	Polychlorinated naphthalenes	70776-03-3 and others
26	Alkanes C ₁₀ -C ₁₃ , chloro (short-chain chlorinated paraffins) (SCCPs)	85535-84-8 and others

7. Toxic Substances Control Act (TSCA) 5PBT

All devices manufactured by MCC are in compliance with the EPA Toxic Substance Control Act about the 5PBT(persistent, bioaccumulative and toxic) chemical for prohibition of containing on January 6, 2021.

Prohibited substances:

Substances	Threshold value
decaBDE 1163-19-5	No containing
2,4,6-TTBP 732-26-3	No containing
HCBd 87-68-3	No containing
PIP (3:1) 68937-41-7	No containing
PCTP 133-49-3	1 wt%

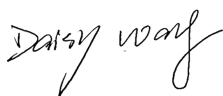
8. Halogen and Sb Free definition

MCC products that are labeled as Halogen Free meet below requests

(halogen concentration limits are consistent with those defined in IEC61249-92-1)

Substance	Maximum limits
Bromine	900ppm
Chlorine	900ppm
Bromine+ Chlorine	1500ppm
Antimony Trioxide	900ppm

As other prohibitions on environment--related substances, like Asbestors, Beryllium, DBT, DOT& PVC, Formaldehyde, HBCDD, Mirex, PCB, PCN, PFOS, PFOA, TBBP-A, Phthalates, Organic Tin compounds, Ozone Depleting Chemicals, PAHs, Specific benzotriazole, red phosphorus, rare-earth metal, are all not contain in our components.



Print Name: Daisy Wang

Title: Quality Director

Date: April 7, 2024

Micro Commercial Components Corporation

Package	Process	RoHS Compliant	EU RoHS Exemption Code	REACH SVHC 219 Contained
0201	BONDING PACKAGE DEVICES	YES		
0201-A	BONDING PACKAGE DEVICES	YES		
A-405	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
AK	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
CSP0201	BONDING PACKAGE DEVICES	YES		
CSP1006-2	BONDING PACKAGE DEVICES	YES		
D1	MODULE	YES WITH EXEMPTION	7(a)	Lead
D2	MODULE	YES WITH EXEMPTION	7(a)	Lead
D2-PAK	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
D3	MODULE	YES WITH EXEMPTION	7(a)	Lead
D3K	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DB-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DBL-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DFN-10	BONDING PACKAGE DEVICES	YES		
DFN1006-2	BONDING PACKAGE DEVICES	YES		
DFN1006-2L	BONDING PACKAGE DEVICES	YES		
DFN1006-3	BONDING PACKAGE DEVICES	YES		
DFN1308-5	BONDING PACKAGE DEVICES	YES		
DFN1510-6	BONDING PACKAGE DEVICES	YES		
DFN1608-2	BONDING PACKAGE DEVICES	YES		
DFN1610-2	BONDING PACKAGE DEVICES	YES		
DFN1610-6	BONDING PACKAGE DEVICES	YES		
DFN1616-6	BONDING PACKAGE DEVICES	YES		
DFN1616-6L	BONDING PACKAGE DEVICES	YES		
DFN2020-3A	BONDING PACKAGE DEVICES	YES		
DFN2020-3L	BONDING PACKAGE DEVICES	YES		
DFN2020-6J	BONDING PACKAGE DEVICES	YES		
DFN2020-6JA	BONDING PACKAGE DEVICES	YES		
DFN2020-6L	BONDING PACKAGE DEVICES	YES		
DFN2020-6LE	BONDING PACKAGE DEVICES	YES		
DFN2030-6	BONDING PACKAGE DEVICES	YES		
DFN2030-6L	BONDING PACKAGE DEVICES	YES		
DFN2626-10	BONDING PACKAGE DEVICES	YES		
DFN3030	BONDING PACKAGE DEVICES	YES		
DFN3030-4L	BONDING PACKAGE DEVICES	YES		
DFN3333	BONDING PACKAGE DEVICES	YES		
DFN3333-8	BONDING PACKAGE DEVICES	YES		
DFN3333-D	BONDING PACKAGE DEVICES	YES		
PDFN3333	BONDING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DFN4120-10	BONDING PACKAGE DEVICES	YES		
DFN5060	BONDING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DFN5060-8D	BONDING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DFN5060-8L	BONDING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DFN8080A	BONDING PACKAGE DEVICES	YES		
DO-15	AXIAL PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DO-201AD	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DO-201AE	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DO-218AB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DO-221AC	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DO-41	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
DPAK		YES WITH EXEMPTION	7(a)	Lead
E1	MODULE	YES WITH EXEMPTION	7(a)	Lead
E1A	MODULE	YES WITH EXEMPTION	7(a)	Lead
E2A	MODULE	YES WITH EXEMPTION	7(a)	Lead
F2	MODULE	YES WITH EXEMPTION	7(a)	Lead
F3	MODULE	YES WITH EXEMPTION	7(a)	Lead
FJ	MODULE	YES WITH EXEMPTION	7(a)	Lead
GBJ	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
GBL	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
GBP	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
GBPC	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
GBPC-H	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
GBPC-W	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
GBU	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
ITO-220AB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
ITO-220AC	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
JA	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
JB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead

Package	Process	RoHS Compliant	EU RoHS Exemption Code	REACH SVHC 219 Contained
KBJ	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
L1	MODULE	YES WITH EXEMPTION	7(a)	Lead
LMBS-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
M5	MODULE	YES WITH EXEMPTION	7(a)	Lead
MB-35	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
MB-35W	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
MBLS-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
MBS-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
MP-50	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
MP-50W	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
MT-35A	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
PB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
PB-10	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
PB-6	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
R-3	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
R-6	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
RS-4L	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
RS-6	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SDB-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SDBL-1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SMA	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SMB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SMBF	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SMC	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SME	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SMG	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SMPA	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-123	BONDING PACKAGE DEVICES	YES		
SOD-123FL	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-123HE	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-123HE1	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-123HT	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-323	BONDING PACKAGE DEVICES	YES		
SOD-323FH	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-323FL	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-323HE	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
SOD-523	BONDING PACKAGE DEVICES	YES		
SOD-723	BONDING PACKAGE DEVICES	YES		
SOD-923	BONDING PACKAGE DEVICES	YES		
SOP-8	BONDING PACKAGE DEVICES	YES		
SOT-143	BONDING PACKAGE DEVICES	YES		
SOT-223	BONDING PACKAGE DEVICES	YES		
SOT-23	BONDING PACKAGE DEVICES	YES		
SOT-23-3L	BONDING PACKAGE DEVICES	YES		
SOT23-5L	BONDING PACKAGE DEVICES	YES		
SOT23-6L	BONDING PACKAGE DEVICES	YES		
SOT-323	BONDING PACKAGE DEVICES	YES		
SOT-353	BONDING PACKAGE DEVICES	YES		
SOT-363	BONDING PACKAGE DEVICES	YES		
SOT-523	BONDING PACKAGE DEVICES	YES		
SOT-563	BONDING PACKAGE DEVICES	YES		
SOT-723	BONDING PACKAGE DEVICES	YES		
SOT-89	BONDING PACKAGE DEVICES	YES		
T2	MODULE	YES WITH EXEMPTION	7(a)	Lead
TBL	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TBS	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-220	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-220AB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-220AB(H)	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-220AC	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-220F	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-247	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-247-2L	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-247AB	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-247AC	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-247AD	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-247P	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead

Package	Process	RoHS Compliant	EU RoHS Exemption Code	REACH SVHC 219 Contained
TO-262	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-262L	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TO-277	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
TSB-5	SOLDERING PACKAGE DEVICES	YES WITH EXEMPTION	7(a)	Lead
W1	MODULE	YES WITH EXEMPTION	7(a)	Lead
W2	MODULE	YES WITH EXEMPTION	7(a)	Lead
W3	MODULE	YES WITH EXEMPTION	7(a)	Lead
W4	MODULE	YES WITH EXEMPTION	7(a)	Lead
F4N	MODULE	YES WITH EXEMPTION	7(a)	Lead
F6	MODULE	YES WITH EXEMPTION	7(a)	Lead
P2	MODULE	YES WITH EXEMPTION	7(a)	Lead