

## REACH and RoHS2 Substance List

Supplier Declaration for Articles/substances

Century PC Board declares that the information provided in the table below

is true and complete to the best of our knowledge and that the RoHS bare printed circuit boards we

provide are compliant to RoHS2 Directive 2011/65/EU, and restrictions on substances listed in Annex XVII of REACH.

<b>Supplier Name:</b>	Active Sales / Century PC Board	<b>Date:</b> 10/8/2013
<b>Supplier Address:</b>	7411 114 ave . N Suite313 Largo, FL 33773	<b>Name of Individual Providing Information:</b> Linda Dong
<b>Email address of verifying person:</b>	<a href="mailto:linda@centurypcb.net">linda@centurypcb.net</a>	

### REACH 1 SVHC List (original list released in 2008)

**Do the parts or materials within**

Substance name	EC number	CAS number	Substance in use in component/product? Y / N	Comment	Max % (optional)
Lead hydrogen arsenate	232-064-2	7784-40-9	N		
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	N		
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	N		
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	N		
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	N		
Diarsenic trioxide	215-481-4	1327-53-3	N		
Triethyl arsenate	427-700-2	15606-95-8	N		
Diarsenic pentaoxide	215-116-9	1303-28-2	N		
Sodium dichromate	234-190-3	7789-12-0, 10588-01-9	N		
Dibutyl phthalate (DBP)	201-557-4	84-74-2	N		
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	N		
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	N		
Anthracene	204-371-1	120-12-7	N		
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified:			N		
Alpha-hexabromocyclododecane		25637-99-4, 3194-55-6	N		
Beta-hexabromocyclododecane		(134237-50-6) (134237-51-7) (134237-52-8)	N		
Gamma-hexabromocyclododecane	247-148-4 and 221-695-9		N		

### REACH 2 SVHC Substances (released 2010)

N

**Do the parts or materials within your supply chain contain any of the following?**

Substance name	EC number	CAS number	Substance in use in component/product? Y / N	Comment	Max % (optional)
Cobalt(II) diacetate	200-755-8	71-48-7	N		
2-Ethoxyethanol	203-804-1	110-80-5	N		
Cobalt(II) sulphate	233-334-2	10124-43-3	N		
Acids generated from chromium trioxide and their oligomers. Names of the acids	231-801-5, 236-881-5	7738-94-5, 13530-68-2	N		
2-Methoxyethanol	203-713-7	109-86-4	N		
Chromium trioxide	215-607-8	1333-82-0	N		
Cobalt(II) carbonate	208-169-4	513-79-1	N		
Cobalt(II) dinitrate	233-402-1	10141-05-6	N		
Trichloroethylene	201-167-4	79-01-6	N		
Potassium dichromate	231-906-6	7778-50-9	N		
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	N		
Boric acid	233-139-2, 234-343-4	10043-35-3, 11113-50-1	N		
Ammonium dichromate	232-143-1	7789-09-5	N		
Sodium chromate	231-889-5	7775-11-3	N		
Disodium tetraborate, anhydrous	215-540-4	1303-96-4, 1330-43-4, 12179-04-3	N		
Potassium chromate	232-140-5	7789-00-6	N		

Acrylamide	201-173-7	79-06-1	N		
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	N		
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	N		
2,4-Dinitrotoluene	204-450-0	121-14-2	N		
Anthracene oil	292-602-7	90640-80-5	N		
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	N		
Anthracene oil, anthracene-low	292-604-8	90640-82-7	N		
Diisobutyl phthalate	201-553-2	84-69-5	N		
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	N		
Lead chromate	231-846-0	7758-97-6	N		
Anthracene oil, anthracene paste	292-603-2	90640-81-6	N		
Pitch, coal tar, high temp.	266-028-2	65996-93-2	N		
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	N		
			N		
			N		

**SVHC Substances (released 2011) & RoHS2 Directive 2011/65/EU**

Substance name	EC number	CAS number	Substance in use in component/product? Y / N	Comment	Max % (optional)
Mercury	231-106-7	7439-97-6	N	we will provide RoHS C of C	0.10%
Cadmium	231-152-8	7440-43-9	N	we will provide RoHS C of C	0.01%
Lead	231-100-4	7439-92-1	N	we will provide RoHS C of C	0.10%
Hexavalent chromium		18540-29-9	N	we will provide RoHS C of C	0.10%
Deca Brominated Diphenyl Ether (Abbrev: decaBDE)	214-604-9	1163-19-5	N	we will provide RoHS C of C	
Polybrominated Biphenyl. PBB and PBDE		59536-65-1	N	we will provide RoHS C of C	0.10%
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	N		
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	N		
Cobalt dichloride	231-589-4	7646-79-9	N		
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	N		
Strontium chromate	232-142-6	6/2/7789	N		
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	N		
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	N		
1,2,3-Trichloropropane	202-486-1	96-18-4	N		
2-Ethoxyethyl acetate	203-839-2	111-15-9	N		
Hydrazine	206-114-9	302-01-2, 7803-57-8	N		
Phenolphthalein	201-004-7	77-09-8	N		
N,N-dimethylacetamide	204-826-4	127-19-5	N		
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	N		
Lead diazide, Lead azide	236-542-1	13424-46-9	N		
Lead dipicrate	229-335-2	6477-64-1	N		
1,2-dichloroethane	203-458-1	107-06-2	N		
Calcium arsenate	231-904-5	7778-44-1	N		
Dichromium tris(chromate)	246-356-2	24613-89-6	N		
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	N		
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	N		
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	N		
Arsenic acid	231-901-9	7778-39-4	N		
Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9	N		
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	N		
Lead styphnate	239-290-0	15245-44-0	N		
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	N		
Trilead diarsenate	222-979-5	3687-31-8	N		
Aluminosilicate Refractory Ceramic Fibres			N		

**REACH SVHC Substances (released 2012)**

Do the parts or materials within your supply chain contain any of the following?					
Substance name	EC number	CAS number	Substance in use in component/product? Y / N	Comment	Max % (optional)
Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] <i>[The individual isomers [2], [3] and [4]]</i>	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	N		
6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8	N		
Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3	N		
Pyrochlore, antimony lead yellow	232-382-1	8012-00-8	N		
Henicosafuoroundecanoic acid	218-165-4	2058-94-8			
4-Aminoazobenzene	200-453-6	60-09-3			
Silicic acid, lead salt	234-363-3	11120-22-2			
Lead titanium zirconium oxide	235-727-4	12626-81-2			
Lead monoxide (lead oxide)	215-267-0	1317-36-8			
o-Toluidine	202-429-0	95-53-4			
3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2	N		
Dibutyltin dichloride (DBTC)	211-670-0	683-18-1			
Lead bis(tetrafluoroborate)	237-486-0	13814-96-5			
Lead dinitrate	233-245-9	10099-74-8			
Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped					
<i>[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]</i>	272-271-5	68784-75-8			
Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6			
4,4'-methylenedi-o-toluidine	212-658-8	838-88-0			
Diethyl sulphate	200-589-6	64-67-5			
Dimethyl sulphate	201-058-1	77-78-1			
N,N-dimethylformamide	200-679-5	68-12-2	N		
4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated <i>[covering well-defined substances and UVCB substances, polymers and homologues]</i>	-	-			
4-Nonylphenol, branched and linear <i>[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]</i>	-	-	N		
Furan	203-727-3	110-00-9			
Lead oxide sulfate	234-853-7	12036-76-9			
Lead titanium trioxide	235-038-9	12060-00-3	N		
Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5	N		
Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7	N		
1,2-Diethoxyethane	211-076-1	629-14-1	N		
N-methylacetamide	201-182-6	79-16-3	N		
Tetralead trioxide sulphate	235-380-9	12202-17-4	N		
Acetic acid, lead salt, basic	257-175-3	51404-69-4	N		
[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9	N		
Tetraethyllead	201-075-4	78-00-2	N		
N-pentyl-isopentylphthalate	-	776297-69-9	N		
Pentalead tetraoxide sulphate	235-067-7	12065-90-6			
Heptacosafuorotetradecanoic acid	206-803-4	376-06-7			
Tricosafuorododecanoic acid	206-203-2	307-55-1	N		
1-bromopropane (n-propyl bromide)	203-445-0	106-94-5	N		
Dioxobis(stearato)trilead	235-702-8	12578-12-0	N		
Pentacosafuorotridecanoic acid	276-745-2	72629-94-8	N		
Methoxyacetic acid	210-894-6	625-45-6	N		
Methyloxirane (Propylene oxide)	200-879-2	75-56-9	N		
Trilead dioxide phosphonate	235-252-2	12141-20-7	N		


o-aminoazotoluene	202-591-2	97-56-3	N		
4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7	N		
Diisopentylphthalate	210-088-4	605-50-5	N		
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0	N		
Biphenyl-4-ylamine	202-177-1	92-67-1	N		
Fatty acids, C16-18, lead salts	292-966-7	91031-62-8	N		
Orange lead (lead tetroxide)	215-235-6	1314-41-6	N		
4,4'-oxydianiline and its salts	202-977-0	101-80-4	N		
Diazeno-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3	N		
Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7	N		
Lead cyanamidate	244-073-9	20837-86-9	N		
$\alpha,\alpha$ -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)]	229-851-8	6786-83-0	N		
1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	423-400-0	59653-74-6	N		
N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1	N		
Diboron trioxide	215-125-8	1303-86-2	N		
1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2	N		
Formamide	200-842-0	75-12-7	N		
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)]	209-218-2	561-41-1	N		
Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2	N		
[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)]	208-953-6	548-62-9	N		
1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4	N		
[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)]	219-943-6	2580-56-5	N		
1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9	N		
4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8	N		
			N		
			N		
			N		

### REACH SVHC Substances (released 2013)

**Do the parts or materials within your supply chain contain any of the following?**

Substance name	EC number	CAS number	Substance in use in component/product? Y / N	Comment	Max % (optional)
Cadmium	231-152-8	7440-43-9	N		
Ammonium pentadecafluorooctanoate (APFO)	223-320-4	3825-26-1	N		
			N		
Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1	N		
Dipentyl phthalate (DPP)	205-017-9	131-18-0	N		

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]			N		
Cadmium oxide	215-146-2	1306-19-0	N		

<b>Name:</b>	Linda Dong
<b>Title:</b>	QA manager      Century PC Board
<b>Signature:</b>	
<b>Date:</b>	10/8/2013

