

Statement of Information Disclosure for the Requirement of SVHC (Substances of Very High Concern) under EU REACH (Registration, Evaluation, Authorization and Restriction of Chemicals)

Alpha & Omega Semiconductor (Hong Kong) LTD. (AOS) hereby declares that these substances of Very High Concern (SVHC) candidate (as below listed) are not contained in AOS's product based upon the information collected from AOS's supply chain.

Note:

1. 'not contained' means equal or less than the defined threshold in the material. The defined threshold is 0.1 % (1,000 ppm) per weight, unless otherwise specified.
2. However, tube-style rails that product is stored and shipped in may contain phthalates in the PVC tube. The following package types are affected such as TO220, TO220F, TO251, TO251A, TO262, TO262F, TO247, PDIP etc.

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Date: 2011-12-30

Declaration

Providing for limitations below, Alpha & Omega Semiconductor certifies that the information provided in this document is correct as of the date indicated on this page. The warranty provided herein shall be null and void if the information is revised in any format by any party without AOS's prior written authorization. In the event of any issues arising from information in this document, the warranty section of Alpha & Omega's standard terms and conditions of sale shall apply, unless alternate contracts have been agreed upon in writing by both parties.

Candidate list of substances of Very High Concern for authorization (last updated on 19 Dec, 2011)

No	SVHC Candidate list	CAS Number	EC Number
1	anthracene	120-12-7	204-371-1
2	4,4'-diaminodiphenylmethane	101-77-9	202-974-4
3	dibutyl phthalate(DBP)	84-74-2	201-557-4
4	cobalt dichloride	7646-79-9	231-589-4
5	diarsenic pentaoxide	1303-28-2	215-116-9
6	diarsenic trioxide	1327-53-3	215-481-4
7	sodium dichromate	7789-12-0 10588-01-9	234-190-3
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	81-15-2	201-329-4
9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	117-81-7	204-211-0
10	hexabromocyclododecane(HBCDD)	25637-99-4	247-148-4 221-695-9
11	short chain chlorinated paraffins(SCCPs)	85535-84-8	287-476-5
12	bis(tributyltin)oxide(TBTO)	56-35-9	200-268-0
13	lead hydrogen arsenate	7784-40-9	232-064-2
14	triethyl arsenate	15606-95-8	427-700-2
15	benzyl butyl phthalate(BBP)	85-68-7	201-622-7
16	Anthracene oil	90640-80-5	292-602-7
17	Anthracene oil, anthracene paste, distn, light	91995-17-4	295-278-5
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8
20	Anthracene oil, anthracene-paste	90640-81-6	292-603-2
21	Coal tar pitch, hightemperature	65996-93-2	266-028-2
22	Acrylamide	79-06-1	201-173-7
23	Aluminosilicate, Refractory Ceramic Fibres	-	650-017-00-8
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	650-017-00-8
25	2,4-Dinitrotoluene	121-14-2	204-450-0
26	Diisobutyl phthalate	84-69-5	201-553-2
27	Lead chromate	7758-97-6	231-846-0
28	Lead chromate molybdate sulphate red	12656-85-8	235-759-9
29	Lead sulfochromate yellow	1344-37-2	215-693-7
30	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5
31	Trichloroethylene	28861	201-167-4
32	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4
33	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4

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34	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3
35	Sodium chromate	2146108	231-889-5
36	Potassium chromate	7789-00-6	232-140-5
37	Ammonium dichromate	2151163	232-143-1
38	Potassium dichromate	7778-50-9	231-906-6
39	Cobalt(II) sulphate	10124-43-3	233-334-2
40	Cobalt(II) dinitrate	10141-05-6	233-402-1
41	Cobalt(II) carbonate	513-79-1	208-169-4
42	Cobalt(II) diacetate	71-48-7	200-755-8
43	2-Methoxyethanol	109-86-4	203-713-7
44	2-Ethoxyethanol	110-80-5	203-804-1
45	Chromium trioxide	1333-82-0	215-607-8
46	Acids generated from chromium trioxide and their oligomers: - Chromic acid - Dichromic acid Oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5
47	2-ethoxyethyl acetate	111-15-9	203-839-2
48	Strontium chromate	7789-06-2	232-142-6
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6
50	Hydrazine	7803-57-8 302-01-2	206-114-9
51	1-methyl-2-pyrrolidone	872-50-4	212-828-1
52	1,2,3-trichloropropane	96-18-4	202-486-1
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1
54	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 and packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium, silicon and zirconium are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm). c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-
55	Calcium arsenate	7778-44-1	231-904-5
56	Bis(2-methoxyethyl) ether	111-96-6	203-924-4

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57	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 packaging of substances and mixtures, and fulfil the three following conditions: a) oxides of aluminium and silicon are the main components present (in the fibres) within variable concentration ranges b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometres (µm) c) alkaline oxide and alkali earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) content less or equal to 18% by weight	-	-
58	Potassium hydroxyoctaoxidizincatedichromate	11103-86-9	234-329-8
59	Lead dipicrate	6477-64-1	229-335-2
60	N,N-dimethylacetamide	127-19-5	204-826-4
61	Arsenic acid	7778-39-4	231-901-9
62	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
63	Trilead diarsenate	3687-31-8	222-979-5
64	1,2-dichloroethane	107-06-2	203-458-1
65	Pentazinc chromate octahydroxide	49663-84-5	256-418-0
66	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2
67	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1
68	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
69	Lead diazide, Lead azide	13424-46-9	236-542-1
70	Lead styphnate	15245-44-0	239-290-0
71	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9
72	Phenolphthalein	77-09-8	201-004-7
73	Dichromium tris(chromate)	24613-89-6	246-356-2

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