



TriQuint Semiconductor, Inc.
2300 NE Brookwood Pkwy
Hillsboro, Oregon 97124
USA

TriQuint Policy on 2006/1906/EC, the European Union REACH Regulation

TriQuint Semiconductor, Inc. (TriQuint) closely follows the implementation of the European Union regulation on the Registration, Evaluation, Authorisation, and Restriction of Chemicals (REACH). After appropriate due diligence, TriQuint has concluded that it is an article manufacturer external to the European Union, and does not use or purchase substances for use within the European Union. TriQuint does import articles into the European Union for sale and distribution.

With regard to Article 7(1) of the REACH regulation (registration requirements), TriQuint does not manufacture any articles where a substance is intended to be released under normal or reasonably foreseeable conditions of use. Therefore, TriQuint does not need to register any substances with the European Chemicals Agency (ECHA) under Article 7(1).

With regard to Article 7(2) of the REACH regulation (notification requirements), TriQuint products do not contain any of the Substances of Very High Concern (SVHCs) listed in the Candidate List (see Appendices A and B) above a concentration of 0.1%.

In order to help its customers meet their obligations under the REACH regulation, TriQuint is able to provide full material declarations, using the IPC 1752 format. Customers should request material declarations at rohs_info@tqs.com.

A handwritten signature in black ink that reads "John Sharp".

John Sharp
Corporate Product Compliance Manager

Date: 30-Dec-2011

Appendix A – Substances on the SVHC Candidate List

#	Substance Name	CAS No.	EC No.
1	1,2,3-Trichloropropane	96-18-4	202-486-1
2	1,2-Benzenedicarboxylic acid di-C7-11 branched and linear alkyl esters (DHNUP)	68515-42-4	271-084-6
3	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	71888-89-6	276-158-1
4	1,2-Dichloroethane; ethylene dichloride	107-06-2	203-458-1
5	1-Methyl-2-pyrrolidone	872-50-4	212-828-1
6	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9
7	2,4-Dinitrotoluene	121-14-2	204-450-0
8	2-Ethoxyethanol	110-80-5	203-84-1
9	2-Ethoxyethylacetate	111-15-9	203-839-2
10	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1
11	2-Methoxyethanol	109-86-4	203-713-7
12	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2
13	4,4'- Diaminodiphenylmethane (MDA)	101-77-9	202-974-4
14	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4
15	Acids generated from chromium trioxide and their oligomers. Group containing: Chromic Acid, Dichromic Acid, oligomers of chromic acid and dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5
16	Acrylamide	79-06-1	201-173-7
17	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) with the molecular formula: $C_xH_{(2x-y+2)}Cl_y$, where $x = 10-13$ and $y = 1-13$ TriQuint also assumes that this category includes all SCCPs listed in the USEPA Toxic Release Inventory - List of Toxic Chemicals within the Polychlorinated Alkanes Category and Guidance for Reporting, EPA 745-B-99-023, June 1999, http://www.epa.gov/tri/guide_docs/pdf/1999/polychloroalkanes1999.pdf (There are 93 SCCPs listed in this document.)	85535-84-8	287-476-5
18	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 ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight		

#	Substance Name	CAS No.	EC No.
19	Aluminosilicate Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 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 two following conditions: a) Al ₂ O ₃ and SiO ₂ are present within the following concentration ranges: • Al ₂ O ₃ : 43.5 – 47 % w/w, and SiO ₂ : 49.5 – 53.5 % w/w, or • Al ₂ O ₃ : 45.5 – 50.5 % w/w, and SiO ₂ : 48.5 – 54 % w/w, and b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).		
20	Ammonium dichromate	7789-09-5	232-143-1
21	Anthracene	120-12-7	204-371-1
22	Anthracene oil	90640-80-5	292-602-7
23	Anthracene oil, anthracene paste	90640-81-6	292-603-2
24	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9
25	Anthracene oil, anthracene paste, distn. lights	91995-17-4	295-278-5
26	Anthracene oil, anthracene-low	90640-82-7	292-604-8
27	Arsenic acid	7778-39-4	231-901-9
28	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7
29	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0
30	Bis(2-methoxyethyl) ether	111-96-6	203-924-4
31	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6
32	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0
33	Boric Acid	10043-35-3 11113-50-1	233-139-2 234-343-4
34	Calcium arsenate	7778-44-1	231-904-5
35	Chromium trioxide	1333-82-0	215-607-8
36	Cobalt dichloride	7646-79-9	231-589-4
37	Cobalt(II) carbonate	513-79-1	208-169-4
38	Cobalt(II) diacetate	71-48-7	200-755-8
39	Cobalt(II) dinitrate	10141-05-6	233-402-1
40	Cobalt(II) sulphate	10124-43-3	233-334-2
41	Diarsenic pentaoxide	1303-28-2	215-116-9
42	Diarsenic trioxide	1327-53-3	215-481-4
43	Dibutyl phthalate (DBP)	84-74-2	201-557-4
44	Dichromium tris(chromate)	24613-89-6	246-356-2
45	Diisobutyl phthalate	84-69-5	201-553-2
46	Disodium tetraborate, anhydrous	1303-96-4 1330-43-4 12179-04-3	215-540-4
47	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	25214-70-4	500-036-1
48	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	25637-99-4 134237-50-6 134237-51-7 134237-52-8	247-148-4 and 221-695-9

#	Substance Name	CAS No.	EC No.
49	Hydrazine	7803-57-8 302-01-2	206-114-9
50	Lead chromate	7758-97-6	231-846-0
51	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	12656-85-8	235-759-9
52	Lead diazide; Lead azide	13424-46-9	236-542-1
53	Lead dipicrate	6477-64-1	229-335-2
54	Lead hydrogen arsenate	7784-40-9	232-064-2
55	Lead styphnate	15245-44-0	239-290-0
56	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7
57	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4
58	Pentazinc chromate octahydroxide	49663-84-5	256-418-0
59	Phenolphthalein	77-09-8	201-004-7
60	Pitch, coal tar, high temp.	65996-93-2	266-028-2
61	Potassium chromate	7789-00-6	232-140-5
62	Potassium dichromate	7778-50-9	231-906-6
63	Potassium hydroxyoctaoxodizincatedichromate	11103-86-9	234-329-8
64	Sodium chromate	7775-11-3	231-889-5
65	Sodium dichromate	7789-12-0 and 10588-01-9	234-190-3
66	Strontium chromate	7789-06-2	232-142-6
67	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3
68	Trichloroethylene	79-01-6	201-167-4
69	Triethyl arsenate	15606-95-8	427-700-2
70	Trilead diarsenate	3687-31-8	222-979-5
71	tris(2-chloroethyl)phosphate	115-96-8	204-118-5
72	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		
73	Zirconia Aluminosilicate, Refractory Ceramic Fibres are fibres covered by index number 650-017-00-8 in Annex VI, part 3, table 3.2 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 two following conditions: a) Al ₂ O ₃ , SiO ₂ and ZrO ₂ are present within the following concentration ranges: • Al ₂ O ₃ : 35 – 36 % w/w, and • SiO ₂ : 47.5 – 50 % w/w, and • ZrO ₂ : 15 - 17 % w/w, and b) fibres have a length weighted geometric mean diameter less two standard geometric errors of 6 or less micrometers (µm).		

