

March 14, 2012

MICROSEMI SoC PRODUCTS GROUP'S POSITION ON REACH (Registration, Evaluation, Authorisation and Restriction of Chemicals)

Reference: EU REACH SVHC Candidate List

This statement reflects Microsemi SoC Products Group's (SoC's) understanding of the applicability of European Union *Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)* to Microsemi SoC's products. This statement addresses Microsemi SoC's position on REACH provisions, the notification of substances of very high concern (SVHC) and the process for disclosure of information as it relates to REACH.

Microsemi SoC understands that there are currently no REACH requirements that apply to Microsemi SoC's products. Microsemi SoC's products are "articles" as defined in REACH. There is no intended release of substances from Microsemi SoC's products under normal or reasonably foreseeable conditions of use. Thus, the REACH requirement, to register substances contained in articles and intended to be released under normal or reasonably foreseeable conditions of use, does not apply.

Microsemi SoC does not use any SVHC on the current European Chemical Agency's (ECHA) Candidate List in the manufacture of its products. Currently, identified SVHCs are not contained in Microsemi SoC's products.

- We believe that the REACH requirement to notify ECHA if an article contains >0.1 mass % of an SVHC and tonnage exceeds 1 tonne per importer per year is not applicable to Microsemi SoC.
- The REACH requirement to provide safe use information to our customers is not applicable to Microsemi SoC.
- Microsemi SoC will continue to monitor ECHA's SVHC Candidate List as it is revised and provide up-to-date information in material composition disclosures available at <http://www.mdsystem.com>.

As an environmentally responsible company, Microsemi SoC supports REACH and other legislations that improve the protection of our environment and human health and safety. Microsemi SoC will continue to monitor the developments of the REACH legislation to ensure continuous compliance.

Lisa Konigsberg
Director, Corporate Operations Quality

ATTACHMENT: List of Substances of Very High Concern (SVHC)

ATTACHMENT

List of Substances of Very High Concern (SVHC)

2011/12/19 Additions Highlighted in Yellow

<u>Substance name</u>	<u>EC No.</u>	<u>CAS No.</u>	<u>Date of inclusion</u>
1,2,3-Trichloropropane	202-486-1	96-18-4	2011/06/20
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	2011/06/20
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	2011/06/20
1,2-dichloroethane	203-458-1	107-06-2	2011/12/19
1-Methyl-2-pyrrolidone	212-828-1	872-50-4	2011/06/20
2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4	2011/12/19
2,4-Dinitrotoluene	204-450-0	121-14-2	2010/01/13
2-Ethoxyethanol	203-804-1	110-80-5	2010/12/15
2-Ethoxyethyl acetate	203-839-2	111-15-9	2011/06/20
2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	2011/12/19
2-Methoxyethanol	203-713-7	109-86-4	2010/12/15
4,4'- Diaminodiphenylmethane (MDA)	202-974-4	101-77-9	2008/10/28
4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9	2011/12/19
5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	201-329-4	81-15-2	2008/10/28
Acids generated from chromium trioxide and their oligomers. Group containing: Chromic acid and Dichromic acid. Oligomers of chromic acid and dichromic acid.	231-801-5 -	7738-94-5 -	2010/12/15
Acrylamide	201-173-7	79-06-1	2010/03/30
Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	287-476-5	85535-84-8	2008/10/28
Aluminosilicate Refractory Ceramic Fibres	-	-	2010/01/13 and 2011/12/19
Ammonium dichromate	232-143-1	7789-09-5	2010/06/18
Anthracene	204-371-1	120-12-7	2008/10/28
Anthracene oil	292-602-7	90640-80-5	2010/01/13

Anthracene oil, anthracene paste	292-603-2	90640-81-6	2010/01/13
Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2	2010/01/13
Anthracene oil, anthracene paste, distn. lights	295-278-5	91995-17-4	2010/01/13
Anthracene oil, anthracene-low	292-604-8	90640-82-7	2010/01/13
Arsenic acid	231-901-9	7778-39-4	2011/12/19
Benzyl butyl phthalate (BBP)	201-622-7	85-68-7	2008/10/28
Bis (2-ethylhexyl)phthalate (DEHP)	204-211-0	117-81-7	2008/10/28
Bis(2-methoxyethyl) ether	203-924-4	111-96-6	2011/12/19
Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	2011/12/19
Bis(tributyltin)oxide (TBTO)	200-268-0	56-35-9	2008/10/28
Boric acid	233-139-2 / 234-343-4	10043-35-3 / 11113-50-1	2010/06/18
Calcium arsenate	231-904-5	7778-44-1	2011/12/19
Chromium trioxide	215-607-8	1333-82-0	2010/12/15
Cobalt dichloride	231-589-4	7646-79-9	2008/10/28 and 2011/06/20
Cobalt(II) carbonate	208-169-4	513-79-1	2010/12/15
Cobalt(II) diacetate	200-755-8	71-48-7	2010/12/15
Cobalt(II) dinitrate	233-402-1	10141-05-6	2010/12/15
Cobalt(II) sulphate	233-334-2	10124-43-3	2010/12/15
Diarsenic pentaoxide	215-116-9	1303-28-2	2008/10/28
Diarsenic trioxide	215-481-4	1327-53-3	2008/10/28
Dibutyl phthalate (DBP)	201-557-4	84-74-2	2008/10/28
Dichromium tris(chromate)	246-356-2	24613-89-6	2011/12/19
Diisobutyl phthalate	201-553-2	84-69-5	2010/01/13
Disodium tetraborate, anhydrous	215-540-4	1303-96-4/ 1330- 43-4/ 12179-04-3	2010/06/18
Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4	2011/12/19
Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified: Alpha-hexabromocyclododecane Beta-hexabromocyclododecane Gamma-hexabromocyclododecane	247-148-4 and 221-695-9	25637-99-4 3194-55-6 (134237-50-6) (134237-51-7) (134237-52-8)	2008/10/28
Hydrazine	206-114-9	302-01-2 / 7803- 57-8	2011/06/20
Lead chromate	231-846-0	7758-97-6	2010/01/13
Lead chromate molybdate sulphate red (C.I. Pigment Red 104)	235-759-9	12656-85-8	2010/01/13

Lead diazide, Lead azide	236-542-1	13424-46-9	2011/12/19
Lead dipicrate	229-335-2	6477-64-1	2011/12/19
Lead hydrogen arsenate	232-064-2	7784-40-9	2008/10/28
Lead styphnate	239-290-0	15245-44-0	2011/12/19
Lead sulfochromate yellow (C.I. Pigment Yellow 34)	215-693-7	1344-37-2	2010/01/13
N,N-dimethylacetamide	204-826-4	127-19-5	2011/12/19
Pentazinc chromate octahydroxide	256-418-0	49663-84-5	2011/12/19
Phenolphthalein	201-004-7	77-09-8	2011/12/19
Pitch, coal tar, high temp.	266-028-2	65996-93-2	2010/01/13
Potassium chromate	232-140-5	7789-00-6	2010/06/18
Potassium dichromate	231-906-6	7778-50-9	2010/06/18
Potassium hydroxyoctaoxidizincatedichromate	234-329-8	11103-86-9	2011/12/19
Sodium chromate	231-889-5	7775-11-3	2010/06/18
Sodium dichromate	234-190-3	7789-12-0/ 10588-01-9	2008/10/28
Strontium chromate	232-142-6	7789-06-2	2011/06/20
Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1	2010/06/18
Trichloroethylene	201-167-4	79-01-6	2010/06/18
Triethyl arsenate	427-700-2	15606-95-8	2008/10/28
Trilead diarsenate	222-979-5	3687-31-8	2011/12/19
Tris(2-chloroethyl)phosphate	204-118-5	115-96-8	2010/01/13
Zirconia Aluminosilicate Refractory Ceramic Fibres	-	-	2010/01/13 and 2011/12/19