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POLICY STATEMENT ON REACH

Re.: REACH Regulation (EC) No 1907/2011

A new regulation on chemicals, named REACH(Registration, Evaluation and Authorization of Chemicals) is effective since June 1st 2007 by the indication of European Commission.

Under this directive, all materials known as substances, preparations or articles need to be registered for future evaluation following which authorization or restriction would be issued. Every substances manufactured and/or imported in quantities greater than 1 Ton/year, even though supplied in mixtures or preparations, will need to be registered under this European regulation. In order to benefit from the transitional periods provide under the REACH regulation, all substances meeting these requirements were therefore pre-registered by 1st December 2008.

As a leader of soft ferrite and magnetic powder cores, Samwha Electronics Co., Ltd., takes seriously our responsibility to comply with environmental, health and safety regulations in all the markets in which we operate.

Samwha Electronics is fully aware of the European REACH regulation and is committed to achieving compliance within the required timeframe, in cooperation with our suppliers and customers.

We ensure that all substances used in the manufacture of our products where appropriate are of known and valid registration. Also any kinds of our products do not contain substances of very high concern (SVHC).

To verify that our products are free from REACH regulation, we have updated the content of Candidate List of Substances. Please refer to the following two pages.

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SVHC Candidate List(Substance Information)

All the contents on these documents must be created on the basis of the facts only, and cooperating suppliers must submit related data immediately whenever SAMWHA ELECTRONICS request them.

No	SVHC Candidate list	CAS Number	EC Number	Weight(mg)	Product name	Purpose of use
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,dihydrate	7789-12-0 10588-01-9	234-190-3			
8	5-tert-butyl-2,4,6-trinitrom-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)all major diastereoisomers identified	25637-99-4 3194-55-6 (134237-51-7, 134237-50-6, 134237-52-8)	247-148-4 and 221-695-9			
11	Alkanes,C10-13,chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5			
12	Bis(tributyltin)oxide	56-35-9	200-268-0			
13	Lead hydrogen arsenate	7784-40-9	232-064-2			
14	Benzyl butyl phthalate	85-68-7	201-622-7			
15	Triethyl arsenate	15606-95-8	427-700-2			
16	2,4-Dinitrotoluene	121-14-2	204-450-0			
17	Anthracene oil	90640-80-5	292-602-7			
18	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5			
19	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9			
20	Anthracene oil, anthracene-low	90640-82-7	292-604-8			
21	Anthracene oil, anthracene paste	90640-81-6	292-603-2			
22	Diisobutyl phthalate	84-69-5	201-553-2			
23	Aluminosilicate, Refractory Ceramic Fibres		(650-017-00-8)			
24	Zirconia Aluminosilicate, Refractory Ceramic Fibres		(650-017-00-8)			
25	Lead chromate	7758-97-6	231-846-0			
26	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9			
27	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7			
28	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5			
29	Pitch, coal tar, high temperature	65996-93-2	266-028-2			
30	Acrylamide	79-06-1	201-173-7			
31	Trichloroethylene	79-01-6	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			
34	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3			
35	Sodium chromate	7775-11-3	231-889-5			
36	Potassium chromate	7789-00-6	232-140-5			
37	Ammonium dichromate	7789-09-5	232-143-1			
38	Potassium dichromate	7778-50-9	231-906-6			
39	Chromium trioxide	1333-82-0	215-607-8			
40	2-Ethoxyethanol	110-80-5	203-804-1			
41	2-Methoxyethanol	109-86-4	203-713-7			
42	Cobalt (di)acetate	71-48-7	200-755-8			
43	Cobalt (II) carbonate	513-79-1	208-169-4			
44	Cobalt dinitrate	10141-05-6	233-402-1			
45	Cobalt (II) sulphate	10124-43-3	233-334-2			
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	7789-06-02	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	Dichromium tris(chromate)	24613-89-6	246-356-2			
55	Potassium hydroxyoctaoxodizincatedi-chromate	11103-86-9	234-329-8			
56	Pentazinc chromate octahydroxide	49663-84-5	256-418-0			
57	Aluminosilicate Refractory Ceramic Fibres (RCF)	-	-			
58	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	-	-			
59	Formaldehyde, oligomeric reaction products with aniline (technical MD	25214-70-4	500-036-1			
60	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6			
61	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1			
62	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	140-66-9	205-426-2			
63	1,2-Dichloroethane	107-06-2	203-458-1			
64	Bis(2-methoxyethyl) ether	111-96-6	203-924-4			
65	Arsenic acid	7778-39-4	231-901-9			
66	Calcium arsenate	7778-44-1	231-904-5			
67	Trilead diarsenate	3687-31-8	222-979-5			
68	N,N-dimethylacetamide (DMAC)	127-19-5	204-826-4			
69	2,2'-dichloro-4,4'-methylenedianiline (MOCA)	101-14-4	202-918-9			
70	Phenolphthalein	77-09-8	201-004-7			
71	Lead azide Lead diazide	13424-46-9	236-542-1			
72	Lead styphnate	15245-44-0	239-290-0			
73	Lead dipicrate	6477-64-1	229-335-2			
74	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3			
75	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9			
76	C.I. Basic Blue 26 ([4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]	2580-56-5	219-943-6			
77	C.I. Basic Violet 3 [4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclo	548-62-9	208-953-6			
78	C.I. Solvent Blue 4 (α,α-bis[4-(dimethylamino)phenyl]-4 (phenylamino)	6786-83-0	229-851-8			
79	C.I. Solvent Violet 8 (4,4'-bis(dimethylamino)-4''-(methylamino)trityl alc	561-41-1	209-218-2			
80	Diboron trioxide, boric oxide	1303-86-2	215-125-8			
81	Formamide	75-12-7	200-842-0			
82	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5			
83	Michler's Base (N,N,N',N'-tetramethyl-4,4'-methylenedianiline)	101-61-1	202-959-2			
84	Michler's Ketone (4,4'-bis(dimethylamino)benzophenone)	90-94-8	202-027-5			
85	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3			
86	β-TGIC (1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1	59653-74-6	423-400-0			