

Certificate of REACH Compliance

We hereby certify that all kingbright parts are compliant with REACH's restriction on SVHC for limits on hazardous substances.

No.	Substance name	CAS number	EC number	Weight-%
1	Anthracene	120-12-7	204-371-1	<0.1%
2	4,4'- Diaminodiphenylmethane	101-77-9	202-974-4	<0.1%
3	Dibutyl phthalate	84-74-2	201-557-4	<0.1%
4	Cobalt dichloride	7646-79-9	231-589-4	<0.1%
5	Diarsenic pentaoxide	1303-28-2	215-116-9	<0.1%
6	Diarsenic trioxide	1327-53-3	215-481-4	<0.1%
7	Sodium dichromate, dihydrate	7789-12-0	234-190-3	<0.1%
8	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	<0.1%
9	Bis (2-ethyl(hexyl)phthalate) (DEHP)	117-81-7	204-211-0	<0.1%
10	Hexabromocyclododecane (HBCDD)	25637-99-4	247-148-4	<0.1%
11	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	<0.1%
12	Bis(tributyltin)oxide	56-35-9	200-268-0	<0.1%
13	Lead hydrogen arsenate	7784-40-9	232-064-2	<0.1%
14	Triethyl arsenate	15606-95-8	427-700-2	<0.1%
15	Benzyl butyl phthalate	85-68-7	201-622-7	<0.1%
16	Anthracene oil	90640-80-5	292-602-7	<0.1%
17	Anthracene oil, anthracene paste	90640-81-6	292-603-2	<0.1%
18	Anthracene oil, anthracene paste, anthracene fraction	91995-15-2	295-275-9	<0.1%
19	Anthracene oil, anthracene paste, distn. Lights	91995-17-4	295-278-5	<0.1%
20	Anthracene oil, anthracene-low	90640-82-7	292-604-8	<0.1%
21	Coal tar pitch, high temperature	95996-93-2	266-028-2	<0.1%
22	Aluminosilicate, Refractory Ceramic Fibres	-	650-017-00-8	<0.1%
23	Zirconia Aluminosilicate, Refractory Ceramic Fibres	-	650-017-00-8	<0.1%
24	2,4-Dinitrotoluene	121-14-2	204-450-0	<0.1%
25	Diisobutyl phthalate	84-69-5	201-553-2	<0.1%
26	Lead chromate	7758-97-6	231-846-0	<0.1%
27	Lead chromate molybdate sulfate red (C.I. Pigment Red 104)	12656-85-8	235-759-9	<0.1%
28	Lead sulfochromate yellow (C.I. Pigment Yellow 34)	1344-37-2	215-693-7	<0.1%
29	Tris (2-chloroethyl)phosphate	115-96-8	204-118-5	<0.1%
30	Acrylamide	79-06-1	201-173-7	<0.1%
31	Trichloroethylene	79-01-6	201-167-4	<0.1%

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32	Boric acid	10043-35-3/ 11113-50-1	233-139-2/ 234-343-4	<0.1%
33	Disodium tetraborate,anhydrous	1330-43-4 12179-04-3 1303-96-4	215-540-4	<0.1%
34	Tetraboron disodium heptaoxide,hydrate	12267-73-1	235-541-3	<0.1%
35	Sodium chromate	7775-11-3	231-889-5	<0.1%
36	Potassium chromate	7789-00-6	232-140-5	<0.1%
37	Ammonium dichromate	7789-09-5	232-143-1	<0.1%
38	Potassium dichromate	7778-50-9	231-906-6	<0.1%
39	Cobalt sulfate	10124-43-3	233-334-2	<0.1%
40	Cobalt dinitrate	10141-05-6	233-402-1	<0.1%
41	Cobalt carbonate	513-79-1	208-169-4	<0.1%
42	Cobalt diacetate	71-48-7	200-755-8	<0.1%
43	2-Methoxyethanol	109-86-4	203-713-7	<0.1%
44	2-Ethoxyethanol	110-80-5	203-804-1	<0.1%
45	Chromium trioxide	1333-82-0	215-607-8	<0.1%
46	Chromic acid, Dichromic acid	7738-94-5 13530-68-2	231-801-5 236-881-5	<0.1%
47	2-ethoxyethyl acetate	203-839-2	111-15-9	<0.1%
48	strontium chromate	232-142-6	7789-06-2	<0.1%
49	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	271-084-6	68515-42-4	<0.1%
50	Hydrazine	206-114-9	7803-57-8 302-01-2	<0.1%
51	1-methyl-2-pyrrolidone	212-828-1	872-50-4	<0.1%
52	1,2,3-trichloropropane	202-486-1	96-18-4	<0.1%
53	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	276-158-1	71888-89-6	<0.1%
54	Dichromium tris(chromate)	246-356-2	24613-89-6	<0.1%
55	Potassium hydroxy-ctaoxidizincatedi-chromate	234-329-8	11103-86-9	<0.1%
56	Pentazinc chromate octahydroxide	256-418-0	49663-84-5	<0.1%
57	Aluminosilicate Refractory Ceramic Fibers(RCF)	-	-	<0.1%
58	Zirconia Aluminosilicate Refractory Ceramic Fibers (Zr-RCF)	-	-	<0.1%
59	Formaldehyde,oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	<0.1%
60	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8	<0.1%
61	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	<0.1%
62	4-(1,1,3,3-tetrameth-ylbutyl)phenol,(4-tert-Octylphenol)	205-426-2	140-66-9	<0.1%
63	1,2-Dichloroethane	203-458-1	107-06-2	<0.1%

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64	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	<0.1%
65	Arsenic acid	231-901-9	7778-39-4	<0.1%
66	Calcium arsenate	231-904-5	7778-44-1	<0.1%
67	Trilead diarsenate	222-979-5	3687-31-8	<0.1%
68	N,N-dimethylace-tamide(DMAC)	204-826-4	127-19-5	<0.1%
69	2,2'-dichloro-4,4'-methylenedianiline(MOCA)	202-918-9	101-14-4	<0.1%
70	Phenolphthalein	201-004-7	77-09-8	<0.1%
71	Lead diazide	236-542-1	13424-46-9	<0.1%
72	Lead styphnate	239-290-0	15245-44-0	<0.1%
73	Lead dipicrate	229-335-2	6477-64-1	<0.1%

Note: Many parts contain Boron and Arsenic.



Kingbright Electronic Co., Ltd.

2012/1/13