

**REACH SUBSTANCES SURVEY**

Date of entry	2019/3/28
Company name	安徽荣达半导体有限公司
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REACH(Registration, Evaluation, Authorization and Restriction of Chemical substances) is an EU regulation that manages all chemicals in EU market. Control measures including: registration, evaluation, authorization and information disclosure. For the implementation of EU REACH, we would ask you to investigate SVHC usage in each part/component supplied .

If the Products do not contain the SVHC listed as below, please fill "N", "0" and "N/A" in both 「 Does your factory use, Content 」 and 「 Purpose of use 」 column of the accroding SVHC.

NO	Substance Name	CAS No.	EC No.	Does your factory use (Y / N)	Content (ppm)	Purpose of use
1	Anthracene	120-12-7	204-371-1	N	0	N/A
2	Diaminodiphenylmethane,4,4'	101-77-9	202-974-4	N	0	N/A
3	DBP(Dibutyl phthalate)	84-74-2	201-557-4	N	0	N/A
4	BBP(Benzyl butyl phthalate)	85-68-7	201-622-7	N	0	N/A
5	(DEHP, Bis (2-ethyl(hexyl)phthalate)	117-81-7	204-211-0	N	0	N/A
6	5-tert-butyl-2,4,6-trinitro-m-xylene ,musk xylene	81-15-2	201-329-4	N	0	N/A
7	Hexabromocyclododecane (HBCDD)and all major diastereoisomers identified ( $\alpha$ - HBCDD, $\beta$ - HBCDD, $\gamma$ -HBCDD)	25637-99-4	247-148-4 and 221-695-9(134237-50-6, 134237-51-7,134237-52-8)	N	0	N/A
8	C10-13, chloro (Short ChainChlorinated Paraffins)	85595-84-8	287-476-5	N	0	N/A
9	Bis(tributyltin)oxide	56-35-9	200-268-0	N	0	N/A



10	Cobalt dichloride	7646-79-9	231-589-4	N	0	N/A
11	Diarsenic pentaoxide	1303-28-2	215-116-9	N	0	N/A
12	Diarsenic trioxide	1327-53-3	215-481-4	N	0	N/A
13	Triethyl arsenate	15606-95-8	427-700-2	N	0	N/A
14	Lead hydrogen arsenate	7784-40-9	232-064-2	N	0	N/A
15	Sodium dichromate	010588-01-9	-	N	0	N/A
16	Anthracene oil	90640-80-5	292-602-7	N	0	N/A
17	Anthracene oil, anthracene paste, distn.Lights	91995-17-4	295-278-5	N	0	N/A
18	Anthracene oil, anthracene paste,anthracene fraction	91995-15-2	295-275-9	N	0	N/A
19	Anthracene oil, anthracene-low	90640-82-7	292-604-8	N	0	N/A
20	Anthracene oil, anthracene paste	90640-81-6	292-603-2	N	0	N/A
21	Pitch, coal tar, high-temp.	65996-93-2	266-028-2	N	0	N/A
22	Diisobutyl phthalate(DIBP)	84-69-5	201-553-2	N	0	N/A
23	2,4-Dinitrotoluene	121-14-2	204-450-0	N	0	N/A
24	Tris(2-chloroethyl) phosphate	115-96-8	204-118-5	N	0	N/A
25	Lead chromate	7758-97-6	231-846-0	N	0	N/A
26	Lead chromate molybdate sulphate red(C.I. Pigment Red 104)	12656-85-8	235-759-9	N	0	N/A
27	Lead sulfochromate yellow(C.I. Pigment Yellow 34)	1344-37-2	215-693-7	N	0	N/A
28	Acrylamide	79-06-1	201-173-7	N	0	N/A
29	Trichloroethylene	79-01-6	201-167-4	N	0	N/A
30	Boric acid	10043-35-3 11113-50-1	233-139-2 234-343-4	N	0	N/A
31	Disodium tetraborate, anhydrous	1330-43-4 12179-04-3 1303-96-1	215-540-4	N	0	N/A
32	Tetraboron disodium heptaoxide, hydrate	12267-73-1	235-541-3	N	0	N/A
33	Sodium chromate	7775-11-3	231-889-5	N	0	N/A
34	Potassium chromate	7789-00-6	232-140-5	N	0	N/A
35	Ammonium dichromate	7789-09-5	232-143-1	N	0	N/A
36	Potassium dichromate	7778-50-9	231-906-6	N	0	N/A
37	2-Ethoxyethanol	110-80-5	203-804-1	N	0	N/A
38	2-Methoxyethanol	109-86-4	203-713-7	N	0	N/A



39	Chromium trioxide	1333-82-0	215-607-8	N	0	N/A
40	Cobalt (II) carbonate	513-79-1	208-169-4	N	0	N/A
41	Cobalt(II) dinitrate	10141-05-6	233-402-1	N	0	N/A
42	Cobalt (II) sulphate	10124-43-3	233-334-2	N	0	N/A
43	Cobalt(II) diacetate	71-48-7	200-755-8	N	0	N/A
44	Chromic acid	7738-94-5	231-801-5	N	0	N/A
45	Dichromic acid	13530-68-2	236-881-5	N	0	N/A
46	Oligomers of chromic acid and dichromic acid			N	0	N/A
	2-ethoxyethyl acetate	111-15-9	203-839-2	N	0	N/A
	Stontium chromate	7789-06-02	232-142-6	N	0	N/A
47	1,2-Benzenedicarboxylic acid, di-c7-11-branched and linear alkylesters (DHNUP)	6815-42-4	271-084-6	N	0	N/A
48	Hydrazin Hydrazine hydrate	302-01-2 7803-57-8	206-114-9	N	0	N/A
49	1-methyl-2-pyrrolidone(MMP)	872-50-4	212-828-1	N	0	N/A
50	1,2,3-trichloropropane	96-18-4	202-486-1	N	0	N/A
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alijyl esters,C7-rich(DIHP)	71888-89-6	276-158-1	N	0	N/A
52	Dichromium tris(chromate)	246-356-2	24613-89-6	N	0	N/A
53	Potassium hydroxyoctaoxidizincatedi-chromate	234-329-8	11103-86-9	N	0	N/A
54	Pentazinc chromate octahydroxide C.I.	256-418-0	49663-84-5	N	0	N/A



55	Aluminosilicate Refractory Ceramic Fibres (RCF)	--	--	N	0	N/A
56	Zirconia Aluminosilicate Refractory Ceramic Fibres (Zr-RCF)	--	--	N	0	N/A
57	Formaldehyde, oligomeric reaction products with aniline (technical MDA)	500-036-1	25214-70-4	N	0	N/A
58	Bis(2-methoxyethyl) phthalate(DMEP)	204-212-6	117-82-8	N	0	N/A
59	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0	N	0	N/A
60	4-(1,1,3,3-tetramethylbutyl)phenol, (4-tert-Octylphenol)	205-426-2	140-66-9	N	0	N/A
61	1,2-Dichloroethane	203-458-1	107-06-2	N	0	N/A
62	Bis(2-methoxyethyl) ether	203-924-4	111-96-6	N	0	N/A
63	Arsenic acid	231-901-9	7778-39-4	N	0	N/A
64	Calcium arsenate	231-904-5	7778-44-1	N	0	N/A
65	Trilead diarsenate	222-979-5	3687-31-8	N	0	N/A
66	N,N-dimethylacetamide (DMAC)	204-826-4	127-19-5	N	0	N/A
67	2,2'-dichloro-4,4'-methylene dianiline (MOCA)	202-918-9	101-14-4	N	0	N/A
68	Phenolphthalein	201-004-7	77-09-8	N	0	N/A
69	Lead azide Lead diazide	236-542-1	13424-46-9	N	0	N/A
70	Lead styphnate	239-290-0	15245-44-0	N	0	N/A
71	Lead dipicrate	229-335-2	6477-64-1	N	0	N/A
72	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	N	0	N/A
73	Diboron trioxide	1303-86-2	215-125-8	N	0	N/A
74	Formamide	75-12-7	200-842-0	N	0	N/A
75	Lead(II) bis(methanesulfonate)	17570-76-2	401-750-5	N	0	N/A



76	1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (TGIC)	2451-62-9	219-514-3	N	0	N/A
77	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione ( $\beta$ -TGIC)	59653-74-6	423-400-0	N	0	N/A
78	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	90-94-8	202-027-5	N	0	N/A
79	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	N	0	N/A
80	[4-[4,4'-bis(dimethylamino)benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3)	548-62-9	208-953-6	N	0	N/A
81	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26)	2580-56-5	219-943-6	N	0	N/A
82	$\alpha, \alpha$ -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)	6786-83-0	229-851-8	N	0	N/A
83	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol	561-41-1	209-218-2	N	0	N/A
84	$\alpha, \alpha$ -Bis[4-(dimethylamino)phenyl]-4(phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	6786-83-0	229-851-8	N	0	N/A
85	Pyrochlore, antimony lead yellow	8012-00-8	232-382-1	N	0	N/A



86	6-methoxy-m-toluidine (p-cresidine)	120-71-8	204-419-1	N	0	N/A
87	Henicosaflluoroundecanoic acid	2058-94-8	218-165-4	N	0	N/A
88	Hexahydromethylphthalic anhydride [1], Hexahydro-4-methylphthalic anhydride [2], Hexahydro-1-methylphthalic anhydride [3], Hexahydro-3-methylphthalic anhydride [4] [The individual isomers [2], [3] and [4] (including their cis- and trans- stereo isomeric forms) and all possible combinations of the isomers [1] are covered by this entry]	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9	247-094-1, 243-072-0, 256-356-4, 260-566-1	N	0	N/A
89	Cyclohexane-1,2-dicarboxylic anhydride [1], cis-cyclohexane-1,2-dicarboxylic anhydride [2], trans-cyclohexane-1,2-dicarboxylic anhydride [3] [The individual cis- [2] and trans- [3] isomer substances and all possible combinations of the cis- and trans-isomers [1] are covered by this entry]	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	N	0	N/A
90	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	N	0	N/A
91	Lead bis(tetrafluoroborate)	13814-96-5	237-486-0	N	0	N/A
92	Lead dinitrate	10099-74-8	233-245-9	N	0	N/A
93	Silicic acid, lead salt	11120-22-2	234-363-3	N	0	N/A
94	4-Aminoazobenzene	1960-09-3	200-453-6	N	0	N/A
95	Lead titanium zirconium oxide	12626-81-2	235-727-4	N	0	N/A
96	Lead monoxide (lead oxide)	1317-36-8	215-267-0	N	0	N/A
97	o-Toluidine	95-53-4	202-429-0	N	0	N/A
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	N	0	N/A
99	Silicic acid (H <sub>2</sub> Si <sub>2</sub> O <sub>5</sub> ), barium salt (1:1), lead-doped[with lead (Pb) content above the applicable generic concentration limit for ' toxicity for reproduction' Repr. 1A (CLP) or category 1 (DSD); the substance is a member of the group entry of lead compounds, with index number 082-001-00-6 in Regulation (EC) No 1272/2008]	68784-75-8	272-271-5	N	0	N/A
100	Trilead bis(carbonate)dihydroxide	1319-46-6	215-290-6	N	0	N/A
101	Furan	110-00-9	203-727-3	N	0	N/A
102	N,N-dimethylformamide	1968-12-2	200-679-5	N	0	N/A
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-	N	0	N/A
104	4-Nonylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	N	0	N/A
105	4,4'-methylenedi-o-toluidine	838-88-0	212-658-8	N	0	N/A
106	Diethyl sulphate	64-67-5	200-589-6	N	0	N/A
107	Dimethyl sulphate	77-78-1	201-058-1	N	0	N/A
108	Lead oxide sulfate	12036-76-9	234-853-7	N	0	N/A
109	Lead titanium trioxide	12060-00-3	235-038-9	N	0	N/A
110	Acetic acid, lead salt, basic	51404-69-4	257-175-3	N	0	N/A
111	[Phthalato(2-)]dioxotrilead	69011-06-9	273-688-5	N	0	N/A
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	1163-19-5	214-604-9	N	0	N/A
113	N-methylacetamide	79-16-3	201-182-6	N	0	N/A
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	88-85-7	201-861-7	N	0	N/A



115	1,2-Diethoxyethane	629-14-1	211-076-1	N	0	N/A
116	Tetralead trioxide sulphate	12202-17-4	235-380-9	N	0	N/A
117	N-pentyl-isopentylphthalate	776297-69-9	-	N	0	N/A
118	Dioxobis(stearato)trilead	12578-12-0	235-702-8	N	0	N/A
119	Tetraethyllead	78-00-2	201-075-4	N	0	N/A
120	Pentalead tetraoxide sulphate	12065-90-6	235-067-7	N	0	N/A
121	Pentacosafuorotridecanoic acid	72629-94-8	276-745-2	N	0	N/A
122	Tricosafuorododecanoic acid	307-55-1	206-203-2	N	0	N/A
123	Heptacosafuorotetradecanoic acid	376-06-7	206-803-4	N	0	N/A
124	1-bromopropane (n-propyl bromide)	106-94-5	203-445-0	N	0	N/A
125	Methoxyacetic acid	625-45-6	210-894-6	N	0	N/A
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	95-80-7	202-453-1	N	0	N/A
127	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	N	0	N/A
128	Trilead dioxide phosphonate	12141-20-7	235-252-2	N	0	N/A
129	o-aminoazotoluene	97-56-3	202-591-2	N	0	N/A
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	N	0	N/A
131	4,4'-oxydianiline and its salts	101-80-4	202-977-0	N	0	N/A
132	Orange lead (lead tetroxide)	1314-41-6	215-235-6	N	0	N/A
133	Biphenyl-4-ylamine	92-67-1	202-177-1	N	0	N/A
134	Diisopentylphthalate	605-50-5	210-088-4	N	0	N/A
135	Fatty acids, C16-18, lead salts	91031-62-8	292-966-7	N	0	N/A
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	N	0	N/A
137	Sulfurous acid, lead salt, dibasic	62229-08-7	263-467-1	N	0	N/A
138	Lead cyanamidate	20837-86-9	244-073-9	N	0	N/A
139	Cadmium	7440-43-9	231-152-8	N	0	N/A
140	Ammonium pentadecafluorooctanoate (APFO)	3825-26-1	223-320-4	N	0	N/A
141	Pentadecafluorooctanoic acid (PFOA)	335-67-1	206-397-9	N	0	N/A
142	Dipentyl phthalate (DPP)	131-18-0	205-017-9	N	0	N/A
143	4-Nonylphenol, branched and linear, ethoxylated	—	—	N	0	N/A
144	Cadmium oxide	1306-19-0	215-146-2	N	0	N/A
145	Cadmium sulphide	1306-23-6	215-147-8	N	0	N/A
146	C.I. Direct Red 28	573-58-0	209-358-4	N	0	N/A
147	C.I. Direct Black 38	1937-37-7	217-710-3	N	0	N/A
148	Dihexylphthalate	84-75-3	201-559-5	N	0	N/A
149	Imidazolidine-2-thione (2-imidazoline-2-thiol)	96-45-7	202-506-9	N	0	N/A
150	Lead di(acetate)	301-04-2	206-104-4	N	0	N/A
151	Trixylylphosphate	25155-23-1	246-677-8	N	0	N/A
152	Cadmium chloride	233-296-7	10108-64-2	N	0	N/A
153	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4	N	0	N/A
154	Sodium peroxometaborate	231-556-4	7632-04-4	N	0	N/A
155	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	-	N	0	N/A
156	Cadmium sulphate	10124-36-4, 31119-53-6	233-331-6	N	0	N/A
157	Cadmium fluoride	7790-79-6	232-222-0	N	0	N/A
158	2-(2H-benzotriazol-2-yl)-4,6-ditertpentylphenol (UV-328)	25973-55-1	247-384-8	N	0	N/A
159	reaction mass of 2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate and 2-ethylhexyl 10-ethyl-4-[[2-[(2-ethylhexyl)oxy]-2-oxoethyl]thio]-4-octyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (reaction mass of DOTE and MOTE)	-	-	N	0	N/A
160	2-ethylhexyl 10-ethyl-4,4-dioctyl-7-oxo-8-oxa-3,5-dithia-4-stannatetradecanoate (DOTE)	15571-58-1	239-622-4	N	0	N/A
161	2-benzotriazol-2-yl-4,6-di-tert-butylphenol (UV-320)	3846-71-7	223-346-6	N	0	N/A
162	1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate	68515-51-5 68648-93-1	271-094-0 272-013-1	N	0	N/A



163	5-sec-butyl-2-(2,4-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [1], 5-sec-butyl-2-(4,6-dimethylcyclohex-3-en-1-yl)-5-methyl-1,3-dioxane [2] [covering any of the individual stereoisomers of [1] and [2] or any combination thereof]	-	-	N	0	N/A
164	Nitrobenzene	98-95-3	202-716-0	N	0	N/A
165	2,4-di-tert-butyl-6-(5-chlorobenzotriazol-2-yl)phenol (UV-327)	3864-99-1	223-383-8	N	0	N/A
166	2-(2H-benzotriazol-2-yl)-4-(tert-butyl)-6-(sec-butyl)phenol (UV-350)	36437-37-3	253-037-1	N	0	N/A
167	1,3-propanesultone	1120-71-4	214-317-9	N	0	N/A
168	Perfluorononan-1-oic-acid and its sodium and ammonium salts	375-95-1 21049-39-8 4149-60-4	206-801-3	N	0	N/A
169	Benzo[def] Chrysene (Benzo[a]pyrene (BaP))	50-32-8	200-028-5	N	0	N/A
170	4,4' -isopropylidenediphenol (bisphenol A)	80-05-7	201-245-8	N	0	N/A
171	4-Heptylphenol, branched and linear [substances with a linear and/or branched alkyl chain with a carbon number of 7 covalently bound predominantly in position 4 to phenol, covering also UVCB- and well-defined substances which include any of the individual isomers or a combination thereof]	-	-	N	0	N/A
172	Nonadecafluorodecanoic acid (PFDA) and its sodium and ammonium salts	3108-42-7 335-76-2 3830-45-3	-- 206-400-3 221-470-5	N	0	N/A
173	p-(1,1-dimethylpropyl)phenol	80-46-6	201-280-9	N	0	N/A
174	Perfluorohexane-1-sulphonic acid and its salts (PFHxS)	355-46-4	206-587-1	N	0	N/A
175	Dechlorane plus (including any of its individual anti- and syn-isomers or any combination thereof)	13560-89-9; 135821-74-8; 135821-03-3	236-948-9	N	0	N/A
176	Benz[a]anthracene	56-55-3	200-280-6	N	0	N/A
177	Cadmium nitrate	10325-94-7	233-710-6	N	0	N/A
178	Cadmium carbonate	513-78-0	208-168-9	N	0	N/A
179	Cadmium hydroxide	21041-95-2	244-168-5	N	0	N/A
180	Chrysene	218-01-9	205-923-4	N	0	N/A
181	Reaction products of 1,3,4-thiadiazolidine-2,5-dithione, formaldehyde and 4-heptylphenol, branched and linear (RP-HP) [with $\geq 0.1\%$ w/w 4-heptylphenol, branched and linear]	--	--	N	0	N/A
182	Octamethylcyclotetrasiloxane (D4)	209-136-7	556-67-2	N	0	N/A
183	Decamethylcyclopentasiloxane (D5)	208-764-9	208-764-9	N	0	N/A
184	Dodecamethylcyclohexasiloxane (D6)	208-762-8	208-762-8	N	0	N/A
185	Lead	231-100-4	7439-92-1	N	0	N/A
186	Disodium octaborate	234-541-0	12008-41-2	N	0	N/A
187	Benzo[ghi]perylene	205-883-8	191-24-2	N	0	N/A
188	Ethylenediamine (EDA)	203-468-6	107-15-3	N	0	N/A
189	Terphenyl hydrogenated	262-967-7	61788-32-7	N	0	N/A
190	Benzene-1,2,4-tricarboxylic acid 1,2-anhydride (trimellitic anhydride; TMA)	209-008-0	552-30-7	N	0	N/A
191	Dicyclohexyl phthalate (DCHP)	201-545-9	84-61-7	N	0	N/A

