

Einhaltungserklärung REACH/ *Compliance-statement REACH*

für EU-Lieferanten / *for EU-suppliers*

Bitte zurück an/*Please return to:*

LEITRONIC AG
Engeloostrasse 16
CH-5621 Zufikon

Lieferantenerklärung/ *Declaration of supplier:*

Wir/We...

Lieferanten-Nr./ <i>Supplier-No:</i>	
Name/ <i>Name:</i>	Raimund Hofmann GmbH
Adresse/ <i>Address:</i>	Kreuzstraße 11 97892 Kreuzwertheim GERMANY
Ansprechpartner/ <i>Contact person REACH:</i>	Harald Väth
E-Mail-Adresse/ <i>Email-Address:</i>	h.vaeth@rh-industrie.de

erklären, dass unsere Produkte konform zur aktuellen Version der Verordnung (EG) 1907/2006 (REACH) und den mitgeltenden Anforderungen produziert werden./*declare that our products are manufactured in compliance to the latest version of Regulation (EG) 1907/2006 (REACH) with any including requirements.*

Alle nach Artikel 6 und 7 der Verordnung (EG) 1907/2006 (REACH) registrierungspflichtigen Stoffe, wurden von uns oder von unseren Vorlieferanten (vor)-registriert. Bei Nachfrage können entsprechende Nachweise erbracht werden./ *For all substances related to article 6 and 7 Regulation (EG) 1907/2006 (REACH) the (pre-) registration was already arrange by us or our supplier. If requested we can provide evidence.*

Des Weiteren erklären wir alle möglichen Anstrengungen vorzunehmen, um besonders besorgniserregende Stoffe (SVHC) in unseren Erzeugnissen zu vermeiden. Informationen nach Artikel 33 (1) Verordnung (EG) 1907/2006 (REACH) werden unverzüglich an die TEDi GmbH & Co. KG weitergeleitet. / *Furthermore we do our best to prevent substances of very high concern (SVHC) in our articles. We will refer all information according article 33 (1) Regulation (EG) 1907/2006 (REACH) to TEDi GmbH & Co. KG immediately.*

Raimund Hofmann GmbH

Industrietechnik

Kreuzstraße 11

97892 Kreuzwertheim

Tel. 09342 / 91 80 30-39, Fax 91 80 59

i.A. Harald Väth



06.03.2015

Harald Väth

Datum/

Name des Erklärenden/

Unterschrift und Firmenstempel/

Date

Name of declaration party

Signature and Company stamp

CERTIFICATE



128, Yeoui-daero, Yeongdeungpo-gu, Seoul,
Korea

Issued by

* 55, Yeosusandan 2-ro, Yeosu-si,
Jeollanam-do, Korea.

LG Chem, Ltd. Yeosu Plant QA Team

* Tel : 82-61-680-1210 / 1237

* Fax : 82-61-680-6063

Product	ASA
Grade	LI911, LI912, LI941, LI942, LI913, LI970, LI931, LI923
Issue date	June 16, 2014

1. Information of Chemical

- Chemical Product Name : Keyflex Resin
- Usage : The application of Electronic & Automobile part and so on.
- Chemical Type : Thermoplastics
- MSDS Information : www.chemwide.com

2. Certificate

- This certifies that below mentioned substances are never used as additives in the manufacturing process by intention.
- We hereby certify that above grade does not contain below mentioned substances

Not Used and not contain these substances

The substances which ECHA added on the Candidate List of Substances of very high concern (SVHC) for authorization.

(Based on ECHA/PR/08/38, ECHA/PR/10/01 and ECHA/PR/10/05, ECHA/PR/10/12, ECHA/PR/10/16 and ECHA/PR/10/26, ECHA/PR/11/26, ECHA/PR/12/16 and ECHA/PR/12/39, ECHA/PR/13/26 , ECHA/PR/13/40)

Yong Jun Kim

ABS QA Manager Y.J. Kim
LG Chem, Ltd.

※ THIS DOCUMENT IS FOR INFORMATION PURPOSE ONLY. THIS DOCUMENT DOES NOT CONSTITUTE A CONTRACT OR A PRE-CONTRACT AND IT IS NON-BINDING ON LG CHEM IN ANY MANNER WHATSOEVER.

Appendix :

Candidate List of Substances of Very High Concern for Authorization (1/7)

No	SVHC Candidate list	EC Number	CAS Number
1	anthracene	204-371-1	120-12-7
2	4,4'-diaminodiphenylmethane	202-974-4	101-77-9
3	dibutyl phthalate(DBP)	201-557-4	84-74-2
4	cobalt dichloride	231-589-4	7646-79-9
5	diarsenic pentaoxide	215-116-9	1303-28-2
6	diarsenic trioxide	215-481-4	1327-53-3
7	sodium dichromate	234-190-3	7789-12-0 10588-01-9
8	5-tert-butyl-2,4,6-trinitro-m-xylene(musk xylene)	201-329-4	81-15-2
9	Bis(2-ethyl(hexyl)phthalate)(DEHP)	204-211-0	117-81-7
10	hexabromocyclododecane(HBCDD)	247-148-4 221-695-9	25637-99-4
11	short chain chlorinated paraffins(SCCPs)	287-476-5	85535-84-8
12	bis(tributyltin)oxide(TBTO)	200-268-0	56-35-9
13	lead hydrogen arsenate	232-064-2	7784-40-9
14	triethyl arsenate	427-700-2	15606-95-8
15	benzyl butyl phthalate(BBP)	201-622-7	85-68-7
16	Anthracene oil	292-602-7	90640-80-5
17	Anthracene oil, anthracene paste, distn, light	295-278-5	91995-17-4
18	Anthracene oil, anthracene paste, anthracene fraction	295-275-9	91995-15-2
19	Anthracene oil, anthracene-low	292-604-8	90640-82-7
20	Anthracene oil, anthracene-paste	292-603-2	90640-81-6
21	Coal tar pitch, hightemperature	266-028-2	65996-93-2
22	Acrylamide	201-173-7	79-06-1
23	2,4-Dinitrotoluene	204-450-0	121-14-2
24	Diisobutyl phthalate	201-553-2	84-69-5
25	Lead chromate	231-846-0	7758-97-6
26	Lead chromate molybdate sulphate red	235-759-9	12656-85-8
27	Lead sulfochromate yellow	215-693-7	1344-37-2
28	Tris(2-chloroethyl)phosphate	204-118-5	115-96-8
29	Trichloroethylene	201-167-4	28861

Appendix :

Candidate List of Substances of Very High Concern for Authorization (2/7)

No	SVHC Candidate list	EC Number	CAS Number
30	Boric acid	233-139-2 234-343-4	10043-35-3 11113-50-1
31	Disodium tetraborate, anhydrous	215-540-4	1330-43-4 12179-04-3 1303-96-4
32	Tetraboron disodium heptaoxide, hydrate	235-541-3	12267-73-1
33	Sodium chromate	231-889-5	2146108
34	Potassium chromate	232-140-5	7789-00-6
35	Ammonium dichromate	232-143-1	2151163
36	Potassium dichromate	231-906-6	7778-50-9
37	Cobalt(II) sulphate	233-334-2	10124-43-3
38	Cobalt(II) dinitrate	233-402-1	10141-05-6
39	Cobalt(II) carbonate	208-169-4	513-79-1
40	Cobalt(II) diacetate	200-755-8	71-48-7
41	2-Methoxyethanol	203-713-7	109-86-4
42	2-Ethoxyethanol	203-804-1	110-80-5
43	Chromium trioxide	215-607-8	1333-82-0
44	Acids generated from chromium trioxide and their oligomers: -. Chromic acid -. Dichromic acid Oligomers of chromic acid and dichromic acid	231-801-5 236-881-5	7738-94-5 13530-68-2
45	2-ethoxyethyl acetate	203-839-2	111-15-9
46	Strontium chromate	232-142-6	7789-06-02
47	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters(DHNUP)	271-084-6	68515-42-4
48	Hydrazine Hydrazing hydrate	206-114-9	302-01-2 7803-57-8
49	1-methyl-2-pyrrolidone	212-828-1	872-50-4
50	1,2,3-trichloropropane	202-486-1	96-18-4
51	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters(DIHP)	276-158-1	71888-89-6

Appendix :

Candidate List of Substances of Very High Concern for Authorization (3/7)

No	SVHC Candidate list	EC Number	CAS Number
52	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 ($\text{Na}_2\text{O}+\text{K}_2\text{O}+\text{CaO}+\text{MgO}+\text{BaO}$) content less or equal to 18% by weight		
53	Calcium arsenate	231-904-5	7778-44-1
54	Bis(2-methoxyethyl) ether	203-924-4	111-96-6
55	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		
56	Potassium hydroxyoctaoxodizincatedichromate	234-329-8	11103-86-9
57	Lead dipicrate	229-335-2	6477-64-1
58	N,N-dimethylacetamide	204-826-4	127-19-5
59	Arsenic acid	231-901-9	7778-39-4
60	2-Methoxyaniline; o-Anisidine	201-963-1	90-04-0
61	Trilead diarsenate	222-979-5	3687-31-8
62	1,2-dichloroethane	203-458-1	107-06-2
63	Pentazinc chromate octahydroxide	256-418-0	49663-84-5
64	Formaldehyde, oligomeric reaction products with aniline	500-036-1	25214-70-4
65	Bis(2-methoxyethyl) phthalate	204-212-6	117-82-8
66	4-(1,1,3,3-tetramethylbutyl)phenol	205-426-2	140-66-9

Appendix :

Candidate List of Substances of Very High Concern for Authorization (4/7)

No	SVHC Candidate list	EC Number	CAS Number
67	Lead diazide, Lead azide	236-542-1	13424-46-9
68	Phenolphthalein	201-004-7	1977-09-08
69	Dichromium tris(chromate)	246-356-2	24613-89-6
70	Lead styphnate	239-290-0	15245-44-0
71	2,2'-dichloro-4,4'-methylenedianiline	202-918-9	101-14-4
72	α,α -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)]	229-851-8	6786-83-0
73	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	202-959-2	101-61-1
74	1,3,5-tris[(2S and 2R)-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-(1H,3H,5H)-trione (β -TGIC)	423-400-0	59653-74-6
75	Diboron trioxide	215-125-8	1303-86-2
76	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	203-977-3	112-49-2
77	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	209-218-2	561-41-1
78	Lead(II) bis(methanesulfonate)	401-750-5	17570-76-2
79	Formamide	200-842-0	75-12-07
80	[4-[4,4'-bis(dimethylamino) benzhydrylidene]cyclohexa-2,5-dien-1-ylidene]dimethylammonium chloride (C.I. Basic Violet 3) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	208-953-6	548-62-9
81	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	203-794-9	110-71-4
82	[4-[[4-anilino-1-naphthyl][4-(dimethylamino)phenyl]methylene]cyclohexa-2,5-dien-1-ylidene] dimethylammonium chloride (C.I. Basic Blue 26) [with $\geq 0.1\%$ of Michler's ketone (EC No. 202-027-5) or Michler's base (EC No. 202-959-2)]	219-943-6	2580-56-5
83	1,3,5-Tris(oxiran-2-ylmethyl)-1,3,5-triazinane-2,4,6-trione (TGIC)	219-514-3	2451-62-9
84	4,4'-bis(dimethylamino)benzophenone (Michler's ketone)	202-027-5	90-94-8
85	Pyrochlore, antimony lead yellow	232-382-1	8012-00-8
86	6-methoxy-m-toluidine (p-cresidine)	204-419-1	120-71-8
87	Henicosaflluoroundecanoic acid	218-165-4	2058-94-8

Appendix :

Candidate List of Substances of Very High Concern for Authorization (5/7)

No	SVHC Candidate list	EC Number	CAS Number
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]	247-094-1, 243-072-0, 256-356-4, 260-566-1	25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9
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]	201-604-9, 236-086-3, 238-009-9	85-42-7, 13149-00-3, 14166-21-3
90	Dibutyltin dichloride (DBTC)	211-670-0	683-18-1
91	Lead bis(tetrafluoroborate)	237-486-0	13814-96-5
92	Lead dinitrate	233-245-9	10099-74-8
93	Silicic acid, lead salt	234-363-3	11120-22-2
94	4-Aminoazobenzene	200-453-6	60-09-3
95	Lead titanium zirconium oxide	235-727-4	12626-81-2
96	Lead monoxide (lead oxide)	215-267-0	1317-36-8
97	o-Toluidine	202-429-0	95-53-4
98	3-ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	421-150-7	143860-04-2
99	Silicic acid (H ₂ Si ₂ O ₅), barium salt (1:1), lead-doped	272-271-5	68784-75-8
100	Trilead bis(carbonate)dihydroxide	215-290-6	1319-46-6
101	Furan	203-727-3	110-00-9
102	N,N-dimethylformamide	200-679-5	68-12-02
103	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated [covering well-defined substances and UVCB substances, polymers and homologues]	-	-
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]	-	-
105	4,4'-methylenedi-o-toluidine	212-658-8	838-88-0
106	Diethyl sulphate	200-589-6	64-67-5
107	Dimethyl sulphate	201-058-1	77-78-1
108	Lead oxide sulfate	234-853-7	12036-76-9
109	Lead titanium trioxide	235-038-9	12060-00-3

Appendix :

Candidate List of Substances of Very High Concern for Authorization (6/7)

No	SVHC Candidate list	EC Number	CAS Number
110	Acetic acid, lead salt, basic	257-175-3	51404-69-4
111	[Phthalato(2-)]dioxotrilead	273-688-5	69011-06-9
112	Bis(pentabromophenyl) ether (decabromodiphenyl ether; DecaBDE)	214-604-9	1163-19-5
113	N-methylacetamide	201-182-6	79-16-3
114	Dinoseb (6-sec-butyl-2,4-dinitrophenol)	201-861-7	88-85-7
115	1,2-Diethoxyethane	211-076-1	629-14-1
116	Tetralead trioxide sulphate	235-380-9	12202-17-4
117	N-pentyl-isopentylphthalate	-	776297-69-9
118	Dioxobis(stearato)trilead	235-702-8	12578-12-0
119	Tetraethyllead	201-075-4	78-00-2
120	Pentalead tetraoxide sulphate	235-067-7	12065-90-6
121	Pentacosafuorotridecanoic acid	276-745-2	72629-94-8
122	Tricosafuorododecanoic acid	206-203-2	307-55-1
123	Heptacosafuorotetradecanoic acid	206-803-4	376-06-7
124	1-bromopropane (n-propyl bromide)	203-445-0	106-94-5
125	Methoxyacetic acid	210-894-6	625-45-6
126	4-methyl-m-phenylenediamine (toluene-2,4-diamine)	202-453-1	95-80-7
127	Methyloxirane (Propylene oxide)	200-879-2	75-56-9
128	Trilead dioxide phosphonate	235-252-2	12141-20-7
129	o-aminoazotoluene	202-591-2	97-56-3
130	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	284-032-2	84777-06-0
131	4,4'-oxydianiline and its salts	202-977-0	101-80-4
132	Orange lead (lead tetroxide)	215-235-6	1314-41-6
133	Biphenyl-4-ylamine	202-177-1	92-67-1
134	Diisopentylphthalate	210-088-4	605-50-5
135	Fatty acids, C16-18, lead salts	292-966-7	91031-62-8
136	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	204-650-8	123-77-3
137	Sulfurous acid, lead salt, dibasic	263-467-1	62229-08-7
138	Lead cyanamidate	244-073-9	20837-86-9

Appendix :

Candidate List of Substances of Very High Concern for Authorization (7/7)

No	SVHC Candidate list	EC Number	CAS Number
139	Ammoniumpentadecafluorooctanoate (APFO)	223-320-4	3825-26-1
140	Di-n-pentyl phthalate (DPP)	205-017-9	131-18-0
141	Cadmium	231-152-8	7440-43-9
142	Pentadecafluorooctanoic acid (PFOA)	206-397-9	335-67-1
143	Cadmium oxide	215-146-2	1306-19-0
144	4-Nonylphenol, branched and linear, ethoxylated [substances with a linear and/or branched alkyl chain with a carbon number of 9 covalently bound in position 4 to phenol, ethoxylated covering UVCB- and well-defined substances, polymers and homologues]	284-325-5, 247-770-6, 203-199-4, 241-427-4, 250-339-5, 257-907-1, -, -, etc.	84852-15-3, 26543-97-5, 104-40-5, 17404-66-9, 30784-30-6, 52427-13-1, 186825-36-5, 142731-63-3, etc.
145	Dihexyl phthalate	201-559-5	84-75-3
146	Trixylyl phosphate	246-677-8	25155-23-1
147	Imidazolidine-2-thione; 2-imidazoline-2-thiol	202-506-9	94-45-7
148	Disodium 4-amino-3-[[4'-[(2,4-diaminophenyl)azo][1,1'-biphenyl]-4-yl]azo] -5-hydroxy-6-(phenylazo)naphthalene-2,7-disulphonate	217-710-3	1937-37-7
149	Disodium 3,3'-[[1,1'-biphenyl]-4,4'-diylbis(azo)]bis(4-aminonaphthalene-1-sulphonate)	209-358-4	573-58-0
150	Cadmium sulphide	215-147-8	1306-23-6
151	Lead di(acetate)	206-104-4	301-04-2
152	1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	271-093-5	68515-50-4
153	Cadmium chloride	233-296-7	10108-64-2
154	Sodium perborate; perboric acid, sodium salt	239-172-9; 234-390-0	
155	Sodium peroxometaborate	231-556-4	7632-04-4

1) The substance does not meet the criteria for identification as a carcinogen in situations where it contains less than 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5)

2) The substance does not meet the criteria for identification as a carcinogen in situations where it contains less than 0.005 % (w/w) benzo[a]pyrene (EINECS No 200-028-5) and less than 0,1 % w/w benzene (EINECS No 200-753-7).]

3) The substance does not meet the criteria for identification as a mutagen in situations where it contains less than 0,1 % w/w benzene (EINECS No 200-753-7).]