

Test Report (SVHC)

No. SHAHG1305684501

Date: 22 Apr 2013

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SHANGHAI JUN JIANG MATERIALS TECHNOLOGY CO.,LTD
3FL,NO.57,SEC.625,CHE ZHAN NORTH ROAD,SHANGHAI,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as : CONDUCTIVE SHEEPSKIN LEATHER

SGS Job No. : SHHG1304011492SD - SH
Manufacturer : SHANGHAI JUN JIANG MATERIALS TECHNOLOGY CO.,LTD
Supplier : SHANGHAI JUN JIANG MATERIALS TECHNOLOGY CO.,LTD
Country of Origin : CHINA
Country of Destination : EU
Style No. : JYP-6
Date of Sample Received : 09 Apr 2013
Testing Period : 09 Apr 2013 - 22 Apr 2013
Test Requested : As requested by client, SVHC screening is performed according to:
(i) One hundred and thirty eight (138) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on Dec 19, 2012 regarding Regulation (EC) No 1907/2006 concerning the REACH.
Test Results : Please refer to next page(s).

Summary :

According to the specified scope and analytical techniques, concentrations of tested SVHC are $\leq 0.1\%$ (w/w) in the submitted sample.	PASS
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Signed for and on behalf of
SGS-CSTC Ltd.



Helen Liu
Approved Signatory

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Remark :

- (1) The chemical analysis of specified SVHC is performed by means of currently available analytical techniques against the following SVHC related documents published by ECHA:

<http://echa.europa.eu/web/guest/candidate-list-table>

These lists are under evaluation by ECHA and may subject to change in the future.

- (2) Concerning article(s):

In accordance with Regulation (EC) No 1907/2006, any EU producer or importer of articles shall notify ECHA, in accordance with paragraph 4 of Article 7, if a substance meets the criteria in Article 57 and is identified in accordance with Article 59(1) of the Regulation, if (a) the substance in the Candidate List is present in those articles in quantities totaling over one tonne per producer or importer per year; and (b) the substance in the Candidate List is present in those articles above a concentration of 0.1% weight by weight (w/w).

Article 33 of Regulation (EC) No 1907/2006 requires supplier of an article containing a substance meeting the criteria in Article 57 and identified in accordance with Article 59(1) in a concentration above 0.1% weight by weight (w/w) shall provide the recipient of the article with sufficient information, available to the supplier, to allow safe use of the article including, as a minimum, the name of that substance in the Candidate List.

SGS adopts the interpretation of ECHA for SVHC in article unless indicated otherwise. Detail explanation is available at the following link:

http://webstage.contribute.sgs.net/corpreach/documents/SGS-CTS_SVHC-paper-EN-11.pdf

- (3) Concerning material(s):

Test results in this report are based on the tested sample. This report refers to testing result of tested sample submitted as homogenous material(s). In case such material is being used to compose an article, the results indicated in this report may not represent SVHC concentration in such article. If this report refers to testing result of composite material group by equal weight proportion, the material in each composite test group may come from more than one article.

If the sample is a substance or mixture, and it directly exports to EU, client has the obligation to comply with the supply chain communication obligation under Article 31 of Regulation (EC) No. 1907/2006 and the conditions of Authorization of substance of very high concern included in the Annex XIV of the Regulation (EC) No. 1907/2006.

- (4) Concerning substance and preparation:

If a SVHC is found over 0.1% (w/w) and/or the specific concentration limit which is set in Regulation (EC) No 1272/2008 and No 790/2009, client is suggested to prepare a Safety Data Sheet (SDS) against the SVHC to comply with the supply chain communication obligation under Regulation (EC)

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No 1907/2006, in which:

- a substance that is classified as hazardous under the CLP Regulation (EC) No 1272/2008.
- a mixture that is classified as dangerous according Dangerous Preparations Directive 1999/45/EC or classified as hazardous under the CLP Regulation (EC) No 1272/2008, when their concentrations are equal to, or greater than, those defined in the Article 3(3) of 1999/45/EC or the lower values given in Part 3 of Annex VI of Regulation (EC) No. 1272/2008; or
- a mixture is not classified as dangerous under Directive 1999/45/EC, but contains either:
 - (a) a substance posing human health or environmental hazards in an individual concentration of ≥ 1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or ≥ 0.2 % by volume for gaseous mixtures; or
 - (b) a substance that is PBT, or vPvB in an individual concentration of ≥ 0.1 % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures); or
 - (c) a substance on the SVHC candidate list (for reasons other than those listed above), in an individual concentration of ≥ 0.1 % by weight for non-gaseous mixtures; or
 - (d) a substance for which there are Europe-wide workplace exposure limits.

(5) If a SVHC is found over the reporting limit, client is suggested to identify the component which contains the SVHC and the exact concentration of the SVHC by requesting further quantitative analysis from the laboratory.

Test Sample :

Sample Description :

Specimen No.	SGS Sample ID	Description
1	SHA13-056845.001	Black plastic film with black back

Test Method :

SGS In-House method-SHTC-CHEM-SOP-97-T, SHTC-CHEM-SOP-302-T, Analyzed by ICP-OES, GC-MS, UV-VIS, HPLC-DAD/MS and Colorimetric Method.

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Test Result : (Substances in the Candidate List of SVHC)

NO.	Substance Name	CAS No.	EC No.	001 Concentration (%)	RL (%)
1	[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	ND	0.050
2	[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	ND	0.050
3	[Phthalato(2-)]dioxotrilead*	69011-06-9	273-688-5	ND	0.005
4	1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich	71888-89-6	276-158-1	ND	0.050
5	1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters	68515-42-4	271-084-6	ND	0.050
6	1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	84777-06-0	284-032-2	ND	0.050
7	1,2-Dichloroethane	107-06-2	203-458-1	ND	0.050
8	1,2-Diethoxyethane	629-14-1	211-076-1	ND	0.050
9	1,2,3-trichloropropane	96-18-4	202-486-1	ND	0.050
10	1-Bromopropane	106-94-5	203-445-0	ND	0.050
11	1-methyl-2-pyrrolidone	872-50-4	212-828-1	ND	0.050
12	2,2'-dichloro-4,4'-methylenedianiline	101-14-4	202-918-9	ND	0.050
13	2,4-Dinitrotoluene	121-14-2	204-450-0	ND	0.050
14	2-Ethoxyethanol	110-80-5	203-804-1	ND	0.050
15	2-ethoxyethyl acetate	111-15-9	203-839-2	ND	0.050
16	2-Methoxyaniline; o-Anisidine	90-04-0	201-963-1	ND	0.050

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NO.	Substance Name	CAS No.	EC No.	001 Concentration (%)	RL (%)
17	2-Methoxyethanol	109-86-4	203-713-7	ND	0.050
18	3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine	143860-04-2	421-150-7	ND	0.050
19	4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated	-	-	ND	0.050
20	4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)	90-94-8	202-027-5	ND	0.050
21	4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§	561-41-1	209-218-2	ND	0.050
22	4,4-Diaminodiphenylmethane(MDA)	101-77-9	202-974-4	ND	0.050
23	4,4'-Methylenedi-o-toluidine	838-88-0	212-658-8	ND	0.050
24	4,4'-Oxydianiline and its salts	101-80-4	202-977-0	ND	0.050
25	4-Aminoazobenzene	60-09-3	200-453-6	ND	0.050
26	4-Methyl-m-phenylenediamine	95-80-7	202-453-1	ND	0.050
27	4-Nonylphenol, branched and linear	-	-	ND	0.050
28	4-(1,1,3,3-tetramethylbutyl)phenol	140-66-9	205-426-2	ND	0.050
29	5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)	81-15-2	201-329-4	ND	0.050
30	6-Methoxy-m-toluidine	120-71-8	204-419-1	ND	0.050
31	Acetic acid, lead salt, basic*	51404-69-4	257-175-3	ND	0.005
32	Acrylamide	79-06-1	201-173-7	ND	0.050
33	Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)	85535-84-8	287-476-5	ND	0.050
34	Aluminosilicate Refractory Ceramic Fibres *▲	650-017-00-8 (Index no.)	-	ND	0.005
35	Ammonium dichromate*	7789-09-5	232-143-1	ND	0.005

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NO.	Substance Name	CAS No.	EC No.	001 Concentration (%)	RL (%)
36	Anthracene	120-12-7	204-371-1	ND	0.050
37	Anthracene oil*	90640-80-5	292-602-7	ND	0.050
38	Anthracene oil, anthracene paste*	90640-81-6	292-603-2	ND	0.050
39	Anthracene oil, anthracene paste, anthracene fraction*	91995-15-2	295-275-9	ND	0.050
40	Anthracene oil, anthracene paste, distr. lights*	91995-17-4	295-278-5	ND	0.050
41	Anthracene oil, anthracene-low*	90640-82-7	292-604-8	ND	0.050
42	Arsenic acid*	7778-39-4	231-901-9	ND	0.005
43	Benzyl butyl phthalate (BBP)	85-68-7	201-622-7	ND	0.050
44	Biphenyl-4-ylamine	92-67-1	202-177-1	ND	0.050
45	Bis (2-ethylhexyl)phthalate (DEHP)	117-81-7	204-211-0	ND	0.050
46	Bis(2-methoxyethyl) ether	111-96-6	203-924-4	ND	0.050
47	Bis(2-methoxyethyl) phthalate	117-82-8	204-212-6	ND	0.050
48	Bis(pentabromophenyl) ether (DecaBDE)	1163-19-5	214-604-9	ND	0.050
49	Bis(tributyltin)oxide (TBTO)	56-35-9	200-268-0	ND	0.050
50	Boric acid*	10043-35-3, 11113-50-1	233-139-2 234-343-4	ND	0.005
51	Calcium arsenate*	7778-44-1	231-904-5	ND	0.005
52	Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid*	7738-94-5, 13530-68-2	231-801-5 236-881-5	ND	0.005
53	Chromium trioxide*	1333-82-0	215-607-8	ND	0.005
54	Cobalt carbonate*	513-79-1	208-169-4	ND	0.005
55	Cobalt diacetate*	71-48-7	200-755-8	ND	0.005
56	Cobalt dichloride*	7646-79-9	231-589-4	ND	0.005

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NO.	Substance Name	CAS No.	EC No.	001 Concentration (%)	RL (%)
57	Cobalt dinitrate*	10141-05-6	233-402-1	ND	0.005
58	Cobalt sulphate*	10124-43-3	233-334-2	ND	0.005
59	Diarsenic pentaoxide*	1303-28-2	215-116-9	ND	0.005
60	Diarsenic trioxide*	1327-53-3	215-481-4	ND	0.005
61	Diazene-1,2-dicarboxamide (C,C'-azodi(formamide))	123-77-3	204-650-8	ND	0.050
62	Diboron trioxide*	1303-86-2	215-125-8	ND	0.005
63	Dibutyl phthalate (DBP)	84-74-2	201-557-4	ND	0.050
64	Dibutyltin dichloride (DBTC)	683-18-1	211-670-0	ND	0.050
65	Dichromium tris(chromate) *	24613-89-6	246-356-2	ND	0.005
66	Diethyl sulphate	64-67-5	200-589-6	ND	0.050
67	Diisobutyl phthalate	84-69-5	201-553-2	ND	0.050
68	Diisopentylphthalate	605-50-5	210-088-4	ND	0.050
69	Dimethyl sulphate	77-78-1	201-058-1	ND	0.050
70	Dinoseb	88-85-7	201-861-7	ND	0.050
71	Dioxobis(stearato)trilead*	12578-12-0	235-702-8	ND	0.005
72	Disodium tetraborate, anhydrous*	1303-96-4, 1330-43-4, 12179-04-3	215-540-4	ND	0.005
73	1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)	110-71-4	203-794-9	ND	0.050
74	Fatty acids, C16-18, lead salts*	91031-62-8	292-966-7	ND	0.005
75	Formaldehyde, oligomeric reaction products with aniline	25214-70-4	500-036-1	ND	0.050
76	Formamide	75-12-7	200-842-0	ND	0.050

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77	Furan	110-00-9	203-727-3	ND	0.050
78	Henicosfluoroundecanoic acid	2058-94-8	218-165-4	ND	0.050
79	Heptacosfluorotetradecanoic acid	376-06-7	206-803-4	ND	0.050
80	Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified (α -HBCDD, β -HBCDD, γ -HBCDD) ^Δ	25637-99-4 , 3194-55-6	247-148-4 and 221-695-9	ND	0.050
81	Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride	85-42-7, 13149-00-3, 14166-21-3	201-604-9, 236-086-3, 238-009-9	ND	0.050
82	Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride	☆	☆	ND	0.050
83	Hydrazine	7803-57-8 , 302-01-2	206-114-9	ND	0.050
84	Lead bis(tetrafluoroborate)*	13814-96-5	237-486-0	ND	0.005
85	Lead chromate*	7758-97-6	231-846-0	ND	0.005
86	Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*	12656-85-8	235-759-9	ND	0.005
87	Lead cyanamidate*	20837-86-9	244-073-9	ND	0.005
88	Lead diazide, Lead azide*	13424-46-9	236-542-1	ND	0.005
89	Lead dinitrate*	10099-74-8	233-245-9	ND	0.005
90	Lead dipicrate*	6477-64-1	229-335-2	ND	0.005
91	Lead hydrogen arsenate*	7784-40-9	232-064-2	ND	0.005
92	Lead monoxide*	1317-36-8	215-267-0	ND	0.005
93	Lead oxide sulfate*	12036-76-9	234-853-7	ND	0.005

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94	Lead styphnate*	15245-44-0	239-290-0	ND	0.005
95	Lead sulfochromate yellow (C.I. Pigment Yellow 34)*	1344-37-2	215-693-7	ND	0.005
96	Lead tetroxide (orange lead)*	1314-41-6	215-235-6	ND	0.005
97	Lead titanium trioxide*	12060-00-3	235-038-9	ND	0.005
98	Lead titanium zirconium oxide*	12626-81-2	235-727-4	ND	0.005
99	Lead(II) bis(methanesulfonate)*	17570-76-2	401-750-5	ND	0.005
100	Methoxyacetic acid	625-45-6	210-894-6	ND	0.050
101	Methyloxirane (Propylene oxide)	75-56-9	200-879-2	ND	0.050
102	N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base)	101-61-1	202-959-2	ND	0.050
103	N,N-dimethylacetamide	127-19-5	204-826-4	ND	0.050
104	N,N-Dimethylformamide	68-12-2	200-679-5	ND	0.050
105	N-Methylacetamide	79-16-3	201-182-6	ND	0.050
106	N-Pentyl-isopentylphthalate	776297-69-9	-	ND	0.050
107	o-Aminoazotoluene	97-56-3	202-591-2	ND	0.050
108	o-Toluidine	95-53-4	202-429-0	ND	0.050
109	Pentacosfluorotridecanoic acid	72629-94-8	276-745-2	ND	0.050
110	Pentalead tetraoxide sulphate*	12065-90-6	235-067-7	ND	0.005
111	Pentazinc chromate octahydroxide*	49663-84-5	256-418-0	ND	0.005
112	Phenolphthalein	77-09-8	201-004-7	ND	0.050
113	Pitch, coal tar, high temp.*	65996-93-2	266-028-2	ND	0.050
114	Potassium chromate*	7789-00-6	232-140-5	ND	0.005
115	Potassium dichromate*	7778-50-9	231-906-6	ND	0.005

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NO.	Substance Name	CAS No.	EC No.	001 Concentration (%)	RL (%)
116	Potassium hydroxyoctaoxodizincatedichromate*	11103-86-9	234-329-8	ND	0.005
117	Pyrochlore, antimony lead yellow*	8012-00-8	232-382-1	ND	0.005
118	Silicic acid, barium salt, lead-doped*	68784-75-8	272-271-5	ND	0.005
119	Silicic acid, lead salt*	11120-22-2	234-363-3	ND	0.005
120	Sodium chromate*	7775-11-3	231-889-5	ND	0.005
121	Sodium dichromate*	7789-12-0 10588-01-9	234-190-3	ND	0.005
122	Strontium chromate*	7789-06-2	232-142-6	ND	0.005
123	Sulfurous acid, lead salt, dibasic*	62229-08-7	263-467-1	ND	0.005
124	1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)	112-49-2	203-977-3	ND	0.050
125	Tetraboron disodium heptaoxide, hydrate*	12267-73-1	235-541-3	ND	0.005
126	Tetraethyllead*	78-00-2	201-075-4	ND	0.005
127	Tetralead trioxide sulphate*	12202-17-4	235-380-9	ND	0.005
128	TGIC (1,3,5-tris(oxiranylmethyl)-1,3,5-triazine-2,4,6(1H,3H,5H)-trione)	2451-62-9	219-514-3	ND	0.050
129	Trichloroethylene	79-01-6	201-167-4	ND	0.050
130	Tricosafuorododecanoic acid	307-55-1	206-203-2	ND	0.050
131	Triethyl arsenate*	15606-95-8	427-700-2	ND	0.005
132	Trilead bis(carbonate)dihydroxide (basic lead carbonate)*	1319-46-6	215-290-6	ND	0.005
133	Trilead diarsenate*	3687-31-8	222-979-5	ND	0.005
134	Trilead dioxide phosphonate*	12141-20-7	235-252-2	ND	0.005

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NO.	Substance Name	CAS No.	EC No.	001 Concentration (%)	RL (%)
135	Tris(2-chloroethyl)phosphate	115-96-8	204-118-5	ND	0.050
136	Zirconia Aluminosilicate Refractory Ceramic Fibres*▲	650-017-00-8 (Index no.)	-	ND	0.005
137	α,α-Bis[4-(dimethylamino)phenyl]-4 (phenylamino)naphthalene-1-methanol (C.I. Solvent Blue 4)§	6786-83-0	229-851-8	ND	0.050
138	β-TGIC (1,3,5-tris[(2S and 2R) -2,3-epoxypropyl]-1,3,5-triazine-2,4,6- (1H,3H,5H)-trione)	59653-74-6	423-400-0	ND	0.050

Notes :

- (1) RL = Reporting Limit. All RL are based on homogenous material
ND = Not detected (lower than RL), ND is denoted on the SVHC substance.
- (2) ▲CAS No. of diastereoisomers identified (α-HBCDD, β-HBCDD, γ-HBCDD): 134237-50-6, 134237-51-7, 134237-52-8
☆CAS No. of Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride: 25550-51-0, 19438-60-9, 48122-14-1, 57110-29-9; EC No. of those: 247-094-1, 243-072-0, 256-356-4, 260-566-1.
- (3) * The test result is based on the calculation of selected element(s) / marker(s) and to the worst-case scenario. For detail information, please refer to the SGS REACH website:
www.reach.sgs.com/substance-of-very-high-concern-analysis-information-page.htm
Calculated concentration of boric compounds are based on the water extractive boron and sodium by ICP-OES.
RL = 0.005% is evaluated for element (i.e. cobalt, arsenic, lead, sodium, chromium, chromium (VI), silicon, aluminum, zirconium, potassium, strontium, zinc, calcium antimony, titanium and barium respectively), except molybdenum RL=0.0005%, boron RL=0.0025 % (only for Lead bis (tetrafluoroborate)).
- (4) § The substance is proposed for the identification as SVHC only where it contains Michler's ketone (CAS Number: 90-94-8) or Michler's base (CAS Number: 101-61-1) ≥0.1% (w/w).
- (5) ▲ On Jun 18, 2012, ECHA consolidated two entries of aluminosilicate refractory ceramic fibres and two of zirconia aluminosilicate refractory ceramic fibres in the Candidate List of SVHC for authorization published in Jan 2010 and Dec 2011 into one entry for aluminosilicate refractory ceramic fibres and one for zirconia aluminosilicate refractory ceramic fibres.

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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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