

## Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 1 of 12

Shanghai Jinka Flooring Technology Co.,Ltd.  
2000 JuDai Road,East Industrial District,Wai-gang,Jia-ding,Shanghai,201806,China

The following sample(s) was/were submitted and identified on behalf of the clients as : Jinka POSTILE

SGS Job No. : SHCCM130400626 - SH  
Date of Sample Received : 11 Apr 2013  
Testing Period : 11 Apr 2013 - 24 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 |
|---|------|

Signed for and on behalf of  
SGS-CSTC Ltd.



JJ Fan  
Approved Signatory

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## Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 2 of 12

### 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](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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## Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 3 of 12

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  $\geq 1$  % by weight for mixtures that are solid or liquids (i.e., non-gaseous mixtures) or  $\geq 0.2$  % by volume for gaseous mixtures; or
  - (b) a substance that is PBT, or vPvB in an individual concentration of  $\geq 0.1$  % 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  $\geq 0.1$  % 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            | SHA13-058855.001 | Jinka POSTILE |

### 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   | 1,2,3-trichloropropane   | 96-18-4    | 202-486-1 | ND                    | 0.050  |
| 5   | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich   | 71888-89-6 | 276-158-1 | ND                    | 0.050  |
| 6   | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters  | 68515-42-4 | 271-084-6 | ND                    | 0.050  |
| 7   | 1,2-Benzenedicarboxylic acid, dipentylester, branched and linear   | 84777-06-0 | 284-032-2 | ND                    | 0.050  |
| 8   | 1,2-bis(2-methoxyethoxy)ethane (TEGDME; triglyme)  | 112-49-2   | 203-977-3 | ND                    | 0.050  |
| 9   | 1,2-Dichloroethane   | 107-06-2   | 203-458-1 | ND                    | 0.050  |
| 10  | 1,2-Diethoxyethane   | 629-14-1   | 211-076-1 | ND                    | 0.050  |
| 11  | 1,2-dimethoxyethane; ethylene glycol dimethyl ether (EGDME)  | 110-71-4   | 203-794-9 | ND                    | 0.050  |
| 12  | 1-Bromopropane   | 106-94-5   | 203-445-0 | ND                    | 0.050  |
| 13  | 1-methyl-2-pyrrolidone   | 872-50-4   | 212-828-1 | ND                    | 0.050  |
| 14  | 2,2'-dichloro-4,4'-methylenedianiline  | 101-14-4   | 202-918-9 | ND                    | 0.050  |
| 15  | 2,4-Dinitrotoluene   | 121-14-2   | 204-450-0 | ND                    | 0.050  |

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# Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 5 of 12

| NO. | Substance Name  | CAS No.     | EC No.    | 001 Concentration (%) | RL (%) |
|-----|---|-------------|-----------|-----------------------|--------|
| 16  | 2-Ethoxyethanol   | 110-80-5    | 203-804-1 | ND                    | 0.050  |
| 17  | 2-ethoxyethyl acetate                                       | 111-15-9    | 203-839-2 | ND                    | 0.050  |
| 18  | 2-Methoxyaniline; o-Anisidine                               | 90-04-0     | 201-963-1 | ND                    | 0.050  |
| 19  | 2-Methoxyethanol  | 109-86-4    | 203-713-7 | ND                    | 0.050  |
| 20  | 3-Ethyl-2-methyl-2-(3-methylbutyl)-1,3-oxazolidine          | 143860-04-2 | 421-150-7 | ND                    | 0.050  |
| 21  | 4-(1,1,3,3-tetramethylbutyl)phenol                          | 140-66-9    | 205-426-2 | ND                    | 0.050  |
| 22  | 4-(1,1,3,3-tetramethylbutyl)phenol, ethoxylated             | -           | -         | ND                    | 0.050  |
| 23  | 4,4'-bis(dimethylamino) benzophenone (Michler's Ketone)     | 90-94-8     | 202-027-5 | ND                    | 0.050  |
| 24  | 4,4'-bis(dimethylamino)-4''-(methylamino)trityl alcohol§    | 561-41-1    | 209-218-2 | ND                    | 0.050  |
| 25  | 4,4-Diaminodiphenylmethane(MDA)                             | 101-77-9    | 202-974-4 | ND                    | 0.050  |
| 26  | 4,4'-Methylenedi-o-toluidine                                | 838-88-0    | 212-658-8 | ND                    | 0.050  |
| 27  | 4,4'-Oxydianiline and its salts                             | 101-80-4    | 202-977-0 | ND                    | 0.050  |
| 28  | 4-Aminoazobenzene   | 60-09-3     | 200-453-6 | ND                    | 0.050  |
| 29  | 4-Methyl-m-phenylenediamine                                 | 95-80-7     | 202-453-1 | ND                    | 0.050  |
| 30  | 4-Nonylphenol, branched and linear                          | -           | -         | ND                    | 0.050  |
| 31  | 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)          | 81-15-2     | 201-329-4 | ND                    | 0.050  |
| 32  | 6-Methoxy-m-toluidine                                       | 120-71-8    | 204-419-1 | ND                    | 0.050  |
| 33  | Acetic acid, lead salt, basic*                              | 51404-69-4  | 257-175-3 | ND                    | 0.005  |
| 34  | Acrylamide  | 79-06-1     | 201-173-7 | ND                    | 0.050  |
| 35  | Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins) | 85535-84-8  | 287-476-5 | ND                    | 0.050  |

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# Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 6 of 12

| NO. | Substance Name  | CAS No.                     | EC No.                 | 001 Concentration (%) | RL (%) |
|-----|---|-----------------------------|------------------------|-----------------------|--------|
| 36  | Aluminosilicate Refractory Ceramic Fibres* <sup>▲</sup>                     | 650-017-00-8<br>(Index no.) | -                      | ND                    | 0.005  |
| 37  | Ammonium dichromate*  | 7789-09-5                   | 232-143-1              | ND                    | 0.005  |
| 38  | Anthracene  | 120-12-7                    | 204-371-1              | ND                    | 0.050  |
| 39  | Anthracene oil*   | 90640-80-5                  | 292-602-7              | ND                    | 0.050  |
| 40  | Anthracene oil, anthracene paste*   | 90640-81-6                  | 292-603-2              | ND                    | 0.050  |
| 41  | Anthracene oil, anthracene paste, anthracene fraction*                      | 91995-15-2                  | 295-275-9              | ND                    | 0.050  |
| 42  | Anthracene oil, anthracene paste, distn. lights*                            | 91995-17-4                  | 295-278-5              | ND                    | 0.050  |
| 43  | Anthracene oil, anthracene-low*   | 90640-82-7                  | 292-604-8              | ND                    | 0.050  |
| 44  | Arsenic acid*   | 7778-39-4                   | 231-901-9              | ND                    | 0.005  |
| 45  | Benzyl butyl phthalate (BBP)  | 85-68-7                     | 201-622-7              | ND                    | 0.050  |
| 46  | Biphenyl-4-ylamine  | 92-67-1                     | 202-177-1              | ND                    | 0.050  |
| 47  | Bis (2-ethylhexyl)phthalate (DEHP)  | 117-81-7                    | 204-211-0              | ND                    | 0.050  |
| 48  | Bis(2-methoxyethyl) ether   | 111-96-6                    | 203-924-4              | ND                    | 0.050  |
| 49  | Bis(2-methoxyethyl) phthalate   | 117-82-8                    | 204-212-6              | ND                    | 0.050  |
| 50  | Bis(pentabromophenyl) ether (DecaBDE)                                       | 1163-19-5                   | 214-604-9              | ND                    | 0.050  |
| 51  | Bis(tributyltin)oxide (TBTO)  | 56-35-9                     | 200-268-0              | ND                    | 0.050  |
| 52  | Boric acid*   | 10043-35-3,<br>11113-50-1   | 233-139-2<br>234-343-4 | ND                    | 0.005  |
| 53  | Calcium arsenate*   | 7778-44-1                   | 231-904-5              | ND                    | 0.005  |
| 54  | Chromic acid, Dichromic acid, Oligomers of chromic acid and dichromic acid* | 7738-94-5,<br>13530-68-2    | 231-801-5<br>236-881-5 | ND                    | 0.005  |
| 55  | Chromium trioxide*  | 1333-82-0                   | 215-607-8              | ND                    | 0.005  |

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No. SHAMLC1305885501

Date: 24 Apr 2013

Page 7 of 12

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|-----|---|--|-----------|-----------------------|--------|
| 56  | Cobalt carbonate*                                       | 513-79-1                               | 208-169-4 | ND                    | 0.005  |
| 57  | Cobalt diacetate*                                       | 71-48-7                                | 200-755-8 | ND                    | 0.005  |
| 58  | Cobalt dichloride*                                      | 7646-79-9                              | 231-589-4 | ND                    | 0.005  |
| 59  | Cobalt dinitrate*                                       | 10141-05-6                             | 233-402-1 | ND                    | 0.005  |
| 60  | Cobalt sulphate*  | 10124-43-3                             | 233-334-2 | ND                    | 0.005  |
| 61  | Diarsenic pentaoxide*                                   | 1303-28-2                              | 215-116-9 | ND                    | 0.005  |
| 62  | Diarsenic trioxide*                                     | 1327-53-3                              | 215-481-4 | ND                    | 0.005  |
| 63  | Diazene-1,2-dicarboxamide<br>(C,C'-azodi(formamide))    | 123-77-3                               | 204-650-8 | ND                    | 0.050  |
| 64  | Diboron trioxide*                                       | 1303-86-2                              | 215-125-8 | ND                    | 0.005  |
| 65  | Dibutyl phthalate (DBP)                                 | 84-74-2                                | 201-557-4 | ND                    | 0.050  |
| 66  | Dibutyltin dichloride (DBTC)                            | 683-18-1                               | 211-670-0 | ND                    | 0.050  |
| 67  | Dichromium tris(chromate) *                             | 24613-89-6                             | 246-356-2 | ND                    | 0.005  |
| 68  | Diethyl sulphate  | 64-67-5                                | 200-589-6 | ND                    | 0.050  |
| 69  | Diisobutyl phthalate                                    | 84-69-5                                | 201-553-2 | ND                    | 0.050  |
| 70  | Diisopentylphthalate                                    | 605-50-5                               | 210-088-4 | ND                    | 0.050  |
| 71  | Dimethyl sulphate                                       | 77-78-1                                | 201-058-1 | ND                    | 0.050  |
| 72  | Dinoseb   | 88-85-7                                | 201-861-7 | ND                    | 0.050  |
| 73  | Dioxobis(stearato)trilead*                              | 12578-12-0                             | 235-702-8 | ND                    | 0.005  |
| 74  | Disodium tetraborate, anhydrous*                        | 1303-96-4,<br>1330-43-4,<br>12179-04-3 | 215-540-4 | ND                    | 0.005  |
| 75  | Fatty acids, C16-18, lead salts*                        | 91031-62-8                             | 292-966-7 | ND                    | 0.005  |
| 76  | Formaldehyde, oligomeric reaction products with aniline | 25214-70-4                             | 500-036-1 | ND                    | 0.050  |

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No. SHAMLC1305885501

Date: 24 Apr 2013

Page 8 of 12

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|-----|---|---------------------------------------|---------------------------------------|-----------------------|--------|
| 77  | Formamide   | 75-12-7                               | 200-842-0                             | ND                    | 0.050  |
| 78  | Furan   | 110-00-9                              | 203-727-3                             | ND                    | 0.050  |
| 79  | Henicosafuoroundecanoic acid  | 2058-94-8                             | 218-165-4                             | ND                    | 0.050  |
| 80  | Heptacosafuorotetradecanoic acid  | 376-06-7                              | 206-803-4                             | ND                    | 0.050  |
| 81  | Hexabromocyclododecane (HBCDD) and all major diastereoisomers identified ( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) <sup>Δ</sup>           | 25637-99-4<br>,<br>3194- 55-6         | 247-148-4<br>and<br>221-695-9         | ND                    | 0.050  |
| 82  | Cyclohexane-1,2-dicarboxylic anhydride, cis-cyclohexane-1,2-dicarboxylic anhydride, trans-cyclohexane-1,2-dicarboxylic anhydride                    | 85-42-7,<br>13149-00-3,<br>14166-21-3 | 201-604-9,<br>236-086-3,<br>238-009-9 | ND                    | 0.050  |
| 83  | Hexahydromethylphthalic anhydride, Hexahydro-4-methylphthalic anhydride, Hexahydro-1-methylphthalic anhydride, Hexahydro-3-methylphthalic anhydride | ☆                                     | ☆                                     | ND                    | 0.050  |
| 84  | Hydrazine   | 7803-57-8<br>,<br>302-01-2            | 206-114-9                             | ND                    | 0.050  |
| 85  | Lead bis(tetrafluoroborate)*  | 13814-96-5                            | 237-486-0                             | ND                    | 0.005  |
| 86  | Lead chromate*  | 7758-97-6                             | 231-846-0                             | ND                    | 0.005  |
| 87  | Lead chromate molybdate sulphate red (C.I. Pigment Red 104)*  | 12656-85-8                            | 235-759-9                             | ND                    | 0.005  |
| 88  | Lead cyanamidate*   | 20837-86-9                            | 244-073-9                             | ND                    | 0.005  |
| 89  | Lead diazide*   | 13424-46-9                            | 236-542-1                             | ND                    | 0.005  |
| 90  | Lead dinitrate*   | 10099-74-8                            | 233-245-9                             | ND                    | 0.005  |
| 91  | Lead dipicrate*   | 6477-64-1                             | 229-335-2                             | ND                    | 0.005  |
| 92  | Lead hydrogen arsenate*   | 7784-40-9                             | 232-064-2                             | ND                    | 0.005  |
| 93  | Lead monoxide*  | 1317-36-8                             | 215-267-0                             | ND                    | 0.005  |

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# Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 9 of 12

| NO. | Substance Name   | CAS No.     | EC No.    | 001 Concentration (%) | RL (%) |
|-----|--|-------------|-----------|-----------------------|--------|
| 94  | Lead oxide sulfate*  | 12036-76-9  | 234-853-7 | ND                    | 0.005  |
| 95  | Lead styphnate*  | 15245-44-0  | 239-290-0 | ND                    | 0.005  |
| 96  | Lead sulfochromate yellow (C.I. Pigment Yellow 34)*            | 1344-37-2   | 215-693-7 | ND                    | 0.005  |
| 97  | Lead tetroxide (orange lead)*                                  | 1314-41-6   | 215-235-6 | ND                    | 0.005  |
| 98  | Lead titanium trioxide*  | 12060-00-3  | 235-038-9 | ND                    | 0.005  |
| 99  | Lead titanium zirconium oxide*                                 | 12626-81-2  | 235-727-4 | ND                    | 0.005  |
| 100 | Lead(II) bis(methanesulfonate)*                                | 17570-76-2  | 401-750-5 | ND                    | 0.005  |
| 101 | Methoxyacetic acid   | 625-45-6    | 210-894-6 | ND                    | 0.050  |
| 102 | Methyloxirane (Propylene oxide)                                | 75-56-9     | 200-879-2 | ND                    | 0.050  |
| 103 | N,N,N',N'-tetramethyl-4,4'-methylenedianiline (Michler's base) | 101-61-1    | 202-959-2 | ND                    | 0.050  |
| 104 | N,N-dimethylacetamide  | 127-19-5    | 204-826-4 | ND                    | 0.050  |
| 105 | N,N-Dimethylformamide  | 68-12-2     | 200-679-5 | ND                    | 0.050  |
| 106 | N-Methylacetamide  | 79-16-3     | 201-182-6 | ND                    | 0.050  |
| 107 | N-Pentyl-isopentylphthalate                                    | 776297-69-9 | -         | ND                    | 0.050  |
| 108 | o-Aminoazotoluene  | 97-56-3     | 202-591-2 | ND                    | 0.050  |
| 109 | o-Toluidine  | 95-53-4     | 202-429-0 | ND                    | 0.050  |
| 110 | Pentacosafuorotridecanoic acid                                 | 72629-94-8  | 276-745-2 | ND                    | 0.050  |
| 111 | Pentalead tetraoxide sulphate*                                 | 12065-90-6  | 235-067-7 | ND                    | 0.005  |
| 112 | Pentazinc chromate octahydroxide*                              | 49663-84-5  | 256-418-0 | ND                    | 0.005  |
| 113 | Phenolphthalein  | 77-09-8     | 201-004-7 | ND                    | 0.050  |
| 114 | Pitch, coal tar, high temp.*                                   | 65996-93-2  | 266-028-2 | ND                    | 0.050  |
| 115 | Potassium chromate*  | 7789-00-6   | 232-140-5 | ND                    | 0.005  |

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# Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 10 of 12

| NO. | Substance Name  | CAS No.                 | EC No.    | 001 Concentration (%) | RL (%) |
|-----|---|-------------------------|-----------|-----------------------|--------|
| 116 | Potassium dichromate*   | 7778-50-9               | 231-906-6 | ND                    | 0.005  |
| 117 | Potassium hydroxyoctaoxodizincatedichromate*                            | 11103-86-9              | 234-329-8 | ND                    | 0.005  |
| 118 | Pyrochlore, antimony lead yellow*                                       | 8012-00-8               | 232-382-1 | ND                    | 0.005  |
| 119 | Silicic acid, barium salt, lead-doped*                                  | 68784-75-8              | 272-271-5 | ND                    | 0.005  |
| 120 | Silicic acid, lead salt*  | 11120-22-2              | 234-363-3 | ND                    | 0.005  |
| 121 | Sodium chromate*  | 7775-11-3               | 231-889-5 | ND                    | 0.005  |
| 122 | Sodium dichromate*  | 7789-12-0<br>10588-01-9 | 234-190-3 | ND                    | 0.005  |
| 123 | Strontium chromate*   | 7789-06-2               | 232-142-6 | ND                    | 0.005  |
| 124 | Sulfurous acid, lead salt, dibasic*                                     | 62229-08-7              | 263-467-1 | ND                    | 0.005  |
| 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  |
| 135 | Tris(2-chloroethyl)phosphate  | 115-96-8                | 204-118-5 | ND                    | 0.050  |

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# Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 11 of 12

| NO. | Substance Name  | CAS No.                     | EC No.    | 001 Concentration (%) | RL (%) |
|-----|---|-----------------------------|-----------|-----------------------|--------|
| 136 | Zirconia Aluminosilicate Refractory Ceramic Fibres *▲   | 650-017-00-8<br>(Index no.) | -         | ND                    | 0.005  |
| 137 | α,α-Bis[4-(dimethylamino)phenyl]-4<br>(phenylamino)naphthalene-1-methanol<br>(C.I. Solvent Blue 4)§ | 6786-83-0                   | 229-851-8 | ND                    | 0.050  |
| 138 | β-TGIC (1,3,5-tris[(2S and 2R)<br>-2,3-epoxypropyl]-1,3,5-triazine-2,4,6-<br>(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](http://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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## Test Report (SVHC)

No. SHAMLC1305885501

Date: 24 Apr 2013

Page 12 of 12

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