



**Test Report  
(SVHC)**

**No.: CHE11-MAE070122R**

**Date: July 26, 2011**

**Page 1 of 7**

MENNIE CANADA LIMITED

5145 STEELES AVE WEST, UNIT 3, TORONTO, ONTARIO, CANADA

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

FIBERGLASS INSECT SCREEN

EBO Job No : CHE11-MAE070122R

Date of Sample Received : July 21, 2011

Testing Period : July 21, 2011 To July 26, 2011

Test Requested : As requested by client, SVHC screening is performed according to:

(i) Forty six (46) substances in the Candidate List of Substances of Very High Concern (SVHC) for authorization published by European Chemicals Agency (ECHA) on and before Dec 15, 2010 regarding Regulation (EC) No 1907/2006 concerning the REACH.

(ii) Seven (7) potential SVHC in the public consultation list published by ECHA on February 21, 2011.

Test Result(s) : 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

**Kevin Yu**





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**Page 2 of 7**

**Test Sample:**

ID for specimen : CHE11-MAE070122R. 001

Description for specimen : Black screen

**Test Method:**

EBO In-House method-GZTC CHEM-TOP-092-01, GZTC CHEM-TOP-092-02, Analyzed by ICP-OES, GC-MS, Colorimetric method/HPLC and UV-VIS.

**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/chem\\_data/authorisation\\_process/candidate\\_list\\_table\\_en.asp](http://echa.europa.eu/chem_data/authorisation_process/candidate_list_table_en.asp)

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

2. 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).

3. 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.

4. 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 Results: (substances in the Candidate List of SVHC)**

| Substance Name  | CAS NO.                      | EC NO.                      | Concentration (%) | RL (%) |
|---|------------------------------|-----------------------------|-------------------|--------|
|   |                              |                             | 001               |        |
| 2,4-Dinitrotoluene  | 121-14-2                     | 204-450-0                   | ND                | 0.050  |
| 2-Ethoxyethanol   | 110-80-5                     | 203-804-1                   | ND                | 0.050  |
| 2-Methoxyethanol  | 109-86-4                     | 203-713-7                   | ND                | 0.050  |
| 4,4'-Diaminodiphenylmethane(MDA)  | 101-77-9                     | 202-974-4                   | ND                | 0.050  |
| 5-tert-butyl-2,4,6-trinitro-m-xylene (musk xylene)                                | 81-15-2                      | 201-329-4                   | ND                | 0.050  |
| Acrylamide  | 79-06-01                     | 201-173-7                   | ND                | 0.050  |
| Alkanes, C10-13, chloro (Short Chain Chlorinated Paraffins)                       | 85535-84-8                   | 287-476-5                   | ND                | 0.050  |
| Aluminosilicate Refractory Ceramic Fibres*  | 650-017-00-8 (Index no.)     | -                           | ND                | 0.005  |
| Ammonium dichromate*  | 7789-09-5                    | 232-143-1                   | ND                | 0.005  |
| Anthracene  | 120-12-7                     | 204-371-1                   | ND                | 0.050  |
| Anthracene oil*   | 90640-80-5                   | 292-602-7                   | ND                | 0.050  |
| Anthracene oil, anthracene paste*   | 90640-81-6                   | 292-603-2                   | ND                | 0.050  |
| Anthracene oil, anthracene paste, anthracene fraction*                            | 91995-15-2                   | 295-275-9                   | ND                | 0.050  |
| Anthracene oil, anthracene paste, distn. Lights*                                  | 91995-17-4                   | 295-278-5                   | ND                | 0.050  |
| Anthracene oil, anthracene-low*   | 90640-82-7                   | 292-604-8                   | ND                | 0.050  |
| Benzyl butyl phthalate (BBP)  | 85-68-7                      | 201-622-7                   | ND                | 0.050  |
| Bis(2-ethylhexyl)phthalate (DEHP)   | 117-81-7                     | 204-211-0                   | ND                | 0.050  |
| Bis(tributyltin)oxide (TBTO)  | 56-35-9                      | 200-268-0                   | ND                | 0.050  |
| Boric acid*   | 10043-35-3<br>11113-50-1     | 233-139-2<br>234-343-4      | ND                | 0.005  |
| Chromic acid,<br>Oligomers of chromic acid and dichromic acid,<br>Dichromic acid* | 7738-94-5<br>-<br>13530-68-2 | 231-801-5<br>-<br>236-881-5 | ND                | 0.005  |



|   |                                      |                               |    |       |
|---|--------------------------------------|-------------------------------|----|-------|
| Chromium trioxide*  | 1333-82-0                            | 215-607-8                     | ND | 0.005 |
| Cobalt dichloride*  | 7646-79-9                            | 231-589-4                     | ND | 0.005 |
| Cobalt(II) carbonate*   | 513-79-1                             | 208-169-4                     | ND | 0.005 |
| Cobalt(II) diacetate*   | 71-48-7                              | 200-755-8                     | ND | 0.005 |
| Cobalt(II) dinitrate*   | 10141-05-6                           | 233-402-1                     | ND | 0.005 |
| Cobalt(II) sulphate*  | 10124-43-3                           | 233-334-2                     | ND | 0.005 |
| Diarsenic pentaoxide*   | 1303-28-2                            | 215-116-9                     | ND | 0.005 |
| Diarsenic trioxide*   | 1327-53-3                            | 215-481-4                     | ND | 0.005 |
| Dibutyl phthalate (DBP)   | 84-74-2                              | 201-557-4                     | ND | 0.050 |
| Diisobutyl phthalate  | 84-69-5                              | 201-553-2                     | ND | 0.050 |
| Disodium tetraborate, anhydrous*  | 1303-96-4<br>1330-43-4<br>12179-04-3 | 215-540-4                     | ND | 0.005 |
| Hexabromocyclododecane (HBCDD)<br>and all major diastereoisomers identified<br>( $\alpha$ -HBCDD, $\beta$ -HBCDD, $\gamma$ -HBCDD) <sup>Δ</sup> | 25637-99-4<br>and<br>3194-55-6       | 247-148-4<br>and<br>221-695-9 | ND | 0.050 |
| Lead chromate*  | 7758-97-6                            | 231-846-0                     | ND | 0.005 |
| Lead chromate molybdate sulphate red<br>(C.I. Pigment Red 104)*   | 12656-85-8                           | 235-759-9                     | ND | 0.005 |
| Lead hydrogen arsenate*   | 7784-40-9                            | 232-064-2                     | ND | 0.005 |
| Lead sulfochromate yellow (C.I.<br>Pigment Yellow 34)*  | 1344-37-2                            | 215-693-7                     | ND | 0.005 |
| Pitch, coal tar, high temp.*  | 65996-93-2                           | 266-028-2                     | ND | 0.050 |
| Potassium chromate*   | 7789-00-6                            | 232-140-5                     | ND | 0.005 |
| Potassium dichromate*   | 7778-50-9                            | 231-906-6                     | ND | 0.005 |
| Sodium chromate*  | 7775-11-3                            | 231-889-5                     | ND | 0.005 |
| Sodium dichromate*  | 7789-12-0<br>and<br>10588-01-9       | 234-190-3                     | ND | 0.005 |
| Tetraboron disodium heptaoxide,<br>hydrate*   | 12267-73-1                           | 235-541-3                     | ND | 0.005 |
| Trichloroethylene   | 79-01-6                              | 201-167-4                     | ND | 0.050 |



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**Page 5 of 7**

|   |                              |           |    |       |
|---|------------------------------|-----------|----|-------|
| Triethyl arsenate*  | 15606-95-8                   | 427-700-2 | ND | 0.005 |
| Tris(2-chloroethyl)phosphate  | 115-96-8                     | 204-118-5 | ND | 0.050 |
| Zirconia Aluminosilicate Refractory<br>Ceramic Fibres*                      | 650-017-00-<br>8 (Index no.) | -         | ND | 0.005 |
| 1, 2, 3-trichloropropane  | 86-18-4                      | 202-486-1 | ND | 0.005 |
| 1,2-Benzenedicarboxylic acid, di-C6-8-<br>branched alkyl esters, C7-rich    | 71888-89-6                   | 276-158-1 | ND | 0.005 |
| 1,2-Benzenedicarboxylic acid, di-C7-11-<br>branched and linear alkyl esters | 68515-42-4                   | 271-084-6 | ND | 0.005 |
| 1-methyl-2-pyrrolidone  | 872-50-4                     | 212-821-1 | ND | 0.005 |
| 2-ethoxyethyl acetate   | 111-15-9                     | 203-839-2 | ND | 0.005 |
| Hydrazine   | 7803-57-8<br>302-01-2        | 206-114-9 | ND | 0.005 |
| Strontium chromate*   | 7789-06-2                    | 232-142-6 | ND | 0.005 |



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**No.: CHE11-MAE070122R**

**Date: July 26, 2011**

**Page 6 of 7**

**Notes:**

- (1) RL = Reporting Limit. All RL are based on homogenous material  
ND = Not detected (lower than RL), ND is denoted on the target compound.
- (2) <sup>Δ</sup>CAS No. of diastereoisomers identified ( $\alpha$ -HBCDD,  $\beta$ -HBCDD,  $\gamma$ -HBCDD): 134237-50-6, 134237-51-7, 134237-52-8.
- (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 EBO REACH website:  
<http://www.reach51.cn/a/REACHzhishi/REACHfg/2010/1115/23934.html>

Calculated concentration of boric acid, disodium tetraborate, anhydrous and tetraboron disodium heptaoxide, hydrate 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, boron, potassium and strontium respectively), except molybdenum RL=0.0005%





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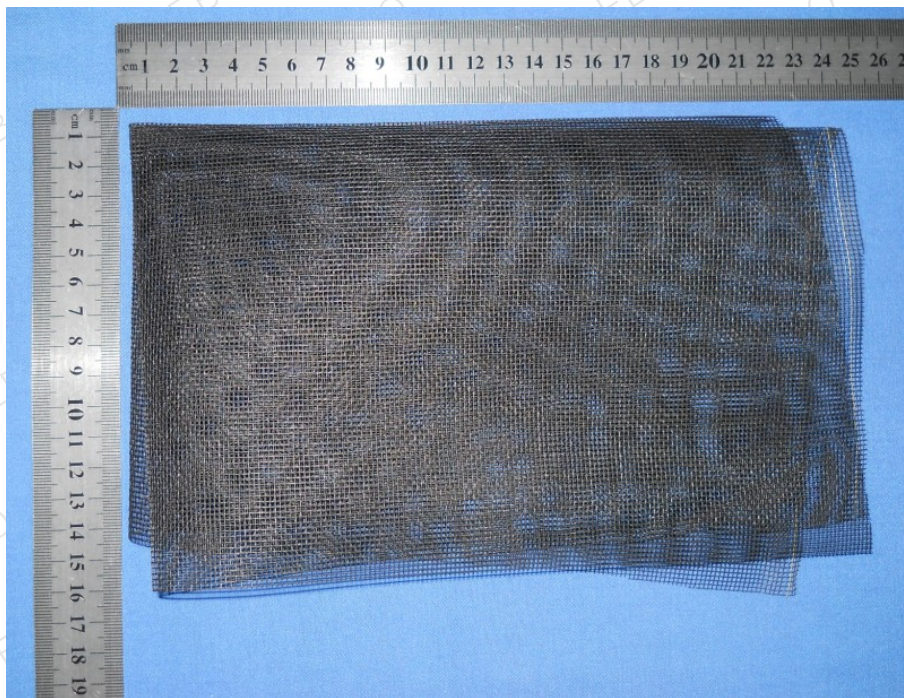
No.: CHE11-MAE070122R

Date: July 26, 2011

Page 7 of 7

Sample photo:

No. CHE11-MAE070122R



EBO authenticate the photo on original report only

\*\*\* End of Report \*\*\*