

**Test Report No.:** Z118110628

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**Client:** SIMON MARTIN – FIRM GRIP GROUP LTD.  
Ruko Sun City Mall Blok A12, Jalan Pahlawan Sidoarjo, Indonesia

**Buyer's name:** Bobux

**Test item(s):** 3 leather materials, red/ pink/ dark blue

**Identification/  
Model No(s):** LEATHER;  
SOFT SOLE RANGE

**Sample Receiving date:** 2011-11-11

**Testing Period:** 2011-11-11 to 2011-11-17

**Test specification:**

According to Corrigendum to Regulation (EC) no.1907/2006 Article 7(2) and 33, concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), Risk Analysis of Articles: Substances of Very High Concern (SVHC), subject to authorization, according to EU no. 143/2011 (Annex XIV of EC no. 1907/2006), & SVHCs in candidate list, by European Chemical Agency (ECHA).

**Test result:**

Please refer to page 3-5.

**Other Information:**

Other information provided by client:

1. Sales Destination (Country): Worldwide
2. End Use: Childrens Shoes

For and on behalf of  
TÜV Rheinland (Shenzhen) Co., Ltd.



2011-11-18 Jin Pang / Assistant Project Manager

Date

Name/Position

*Test result is drawn according to the kind and extent of tests performed.  
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

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**Material list**

| Material No. | Material | Color     | Location          |
|--------------|----------|-----------|-------------------|
| 1            | Leather  | Red       | Red leather       |
| 2            | Leather  | Pink      | Pink leather      |
| 3            | Leather  | Dark blue | Dark blue leather |



|                             |             |
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|-----------------------------|-------------|

**Test results**

**1. Screening of SVHCs subject to authorisation, according to EU no. 143/2011 (Annex XIV of EC no. 1907/2006), SVHCs in Candidate & Consultation List by ECHA**

Test Method: 1) Test portion is digested with acid and assisted with microwave, the elements are analysed by ICP-OES.  
 2) Organic solvent extraction, GC-MS analysis.

|               |   |
|---------------|---|
| Test No.:     | 1   |
| Material No.: | 1+2+3   |
| Result (%)    | Tetraboron disodium heptaoxide, hydrate: 0.01<br>Others: n.d. |

Abbreviation: n.d. = Not Detected (< Reporting Limit)  
 % = Percentage



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**Remark:**

(\*1) The reporting limit for each individual SVHC in Candidate List by ECHA:

| Substances   | CAS No.                            | Reporting Limit |
|--|------------------------------------|-----------------|
| 1 Anthracene   | 120-12-7                           | 0.01%           |
| 2 Bis(tributyltin) oxide,hexabutyl-distannoxane (TBTO) (*6)            | 56-35-9                            | 0.01%           |
| 3 Triethyl arsenate(*4)  | 15606-95-8                         | 0.01%           |
| 4 Lead hydrogen arsenate(*4)   | 7784-40-9                          | 0.01%           |
| 5 Cobalt(II) dichloride(*4)  | 7646-79-9                          | 0.01%           |
| 6 Sodium dichromate, dihydrate(*5)                                     | 7789-12-0                          | 0.01%           |
| 7 Diarsenic pentoxide(*4)  | 1303-28-2                          | 0.01%           |
| 8 Diarsenic trioxide(*4)   | 1327-53-3                          | 0.01%           |
| 9 Short chain chlorinated paraffins (C10-C13) (SCCP)                   | 85535-84-8                         | 0.01%           |
| 10 Acrylamide  | 79-06-1                            | 0.01%           |
| 11 Anthracene oil(*7)  | 90640-80-5                         | 0.01%(*8)       |
| 12 Anthracene oil, anthracene paste, distn. Lights(*7)                 | 91995-17-4                         |                 |
| 13 Anthracene oil, anthracene paste, anthracene fraction (*7)          | 91995-15-2                         |                 |
| 14 Anthracene oil, anthracene-low(*7)                                  | 90640-82-7                         |                 |
| 15 Anthracene oil, anthracene paste (*7)                               | 90640-81-6                         |                 |
| 16 Coal tar pitch, high temperature (*7)                               | 65996-93-2                         |                 |
| 17 Aluminosilicate, Refractory Ceramic Fibres (RCF) (*3)               | Index no : 650-017-00-8            | 0.01%           |
| 18 Zirconia Aluminosilicate, Refractory Ceramic Fibres(*3)             |                                    |                 |
| 19 Lead chromate(*4)(*5)   | 7758-97-6                          | 0.01%           |
| 20 Lead chromate molybdate sulfate red (C.I. Pigment Red 104) (*4)(*5) | 12656-85-8                         | 0.01%           |
| 21 Lead sulfochromate yellow (C.I.Pigment Yellow 34) (*4)              | 1344-37-2                          | 0.01%           |
| 22 2,4-Dinitrotoluene (2,4-DNT)  | 121-14-2                           | 0.01%           |
| 23 Diisobutyl phthalate (DIBP)   | 84-69-5                            | 0.01%           |
| 24 Tris(2-chloroethyl)phosphate  | 115-96-8                           | 0.01%           |
| 25 Trichloroethylene   | 79-01-6                            | 0.01%           |
| 26 Boric acid(*4)  | 10043-35-3/11113-50-1              | 0.01%           |
| 27 Disodium tetraborate, anhydrous(*4)                                 | 1330-43-4/12179-04-3/<br>1303-96-4 | 0.01%           |
| 28 Tetraboron disodium heptaoxide, hydrate(*4)                         | 12267-73-1                         | 0.01%           |
| 29 Sodium chromate(*5)   | 7775-11-3                          | 0.01%           |
| 30 Potassium chromate(*5)  | 7789-00-6                          | 0.01%           |
| 31 Ammonium dichromate(*5)   | 7789-09-5                          | 0.01%           |
| 32 Potassium dichromate(*5)  | 7778-50-9                          | 0.01%           |

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|    | Substances  | CAS No.                 | Reporting Limit |
|----|---|-------------------------|-----------------|
| 33 | 2-Methoxyethanol  | 109-86-4                | 0.01%           |
| 34 | 2-Ethoxyethanol   | 110-80-5                | 0.01%           |
| 35 | Cobalt(II) sulphate(*4)   | 10124-43-3              | 0.01%           |
| 36 | Cobalt(II) dinitrate(*4)  | 10141-05-6              | 0.01%           |
| 37 | Cobalt(II) carbonate(*4)  | 513-79-1                | 0.01%           |
| 38 | Cobalt(II) diacetate(*4)  | 71-48-7                 | 0.01%           |
| 39 | Chromium trioxide(*5)   | 1333-82-0               | 0.01%           |
| 40 | Acids generated from chromium trioxide and their oligomers:<br>Chromic acid<br>Dichromic acid<br>Oligomers of chromic acid and dichromic acid(*5) | 7738-94-5<br>13530-68-2 | 0.01%           |
| 41 | 2-Ethoxyethyl acetate   | 111-15-9                | 0.01%           |
| 42 | Strontium chromate (*5)   | 7789-06-2               | 0.01%           |
| 43 | 1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUF)   | 68515-42-4 / various    | 0.01%           |
| 44 | Hydrazine   | 7803-57-8<br>302-01-2   | 0.01%           |
| 45 | 1-Methyl-2-pyrrolidone  | 872-50-4                | 0.01%           |
| 46 | 1,2,3-Trichloropropane  | 96-18-4                 | 0.01%           |
| 47 | 1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters C7-rich (DIHP)  | 71888-89-6 / 90937-19-2 | 0.01%           |

(\*2) The reporting limit for each individual SVHC subject to authorisation according to EU no. 143/2011 (Annex XIV of EC no. 1907/2006):

|    | Substances                                | CAS No.              | Reporting Limit |
|----|---|----------------------|-----------------|
| 48 | 4,4'-Methylenedianiline (MA)              | 101-77-9             | 0.01%           |
| 49 | Benzylbutyl phthalate (BBP)               | 85-68-7              | 0.01%           |
| 50 | Diethylhexyl phthalate (DEHP)             | 117-81-7             | 0.01%           |
| 51 | Dibutyl phthalate (DBP)                   | 84-74-2              | 0.01%           |
| 52 | HBCDD/ 1,3,5,7,9,11-HBCDD                 | 25637-99-4/3194-55-6 | 0.01%           |
| 53 | 5-Tert-butyl-2,4,6-trinitro-m-xylene (MX) | 81-15-2              | 0.01%           |

(\*3) The test result is based on microscopic and chemical evaluation.

(\*4) The substances are tested in terms of its respective elements (As, Pb, Co, B)

(\*5) The substances are tested in terms of Cr (VI)

(\*6) The substances are tested and calculated in term of Tributyl tin.

(\*7) The substances are UVCB (substance of unknown or variable composition, complex reaction products or biological materials), which are identified by its main constituents.

(\*8) Individual concentrations to the constituent of UVCB with an amount of < 0.01% were not considered by the calculation of the sum.



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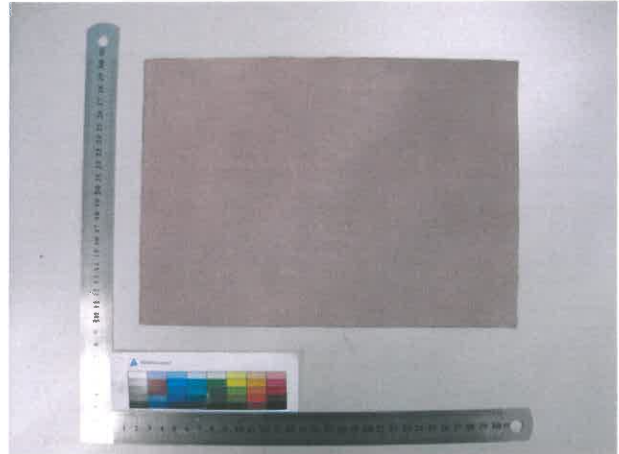
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Sample photos:

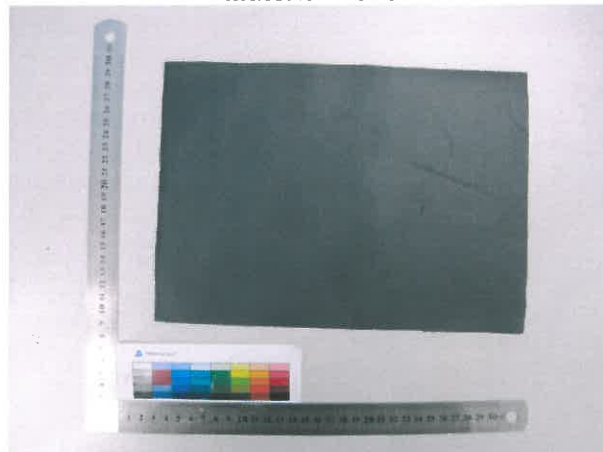
**Material No. 1**



**Material No. 2**



**Material No. 3**



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