TEST REPORT

PROJECT NO. : 5774.34434.T004
REPORT NO. : A11290950
DATE : March 21, 2009

CLIENT:
TOYSMITH
5110 Frontage Road
Auburn, WA 98001
USA

Attn. : Nancy Smith / Martin Crowley

SAMPLE DESCRIPTION:
First submission : Two (2) sets of MB Frac. Kit (Pap. Strip, Mag Strips, Frac. Dice, Zip L Bags, Cont. Sheet, Guide), one (1) pack of Material and two (2) bottles of Wet Paint samples. ***
Second submission : One (1) pack of Material sample. ***
Other info : PR 11229; PR 11230; PR 11231; PR 11234; PR 112234; PR 112235
Country of Origin : China
Testing Age Grading : 3+
Date(s) of samples received : February 18, 2009 (p.m.) and March 12, 2009 (p.m.)

TEST METHOD & RESULTS: Please refer to next page(s)

CONCLUSION:
ASTM F963-07(e1) / 16 CFR 1500 Physical and Mechanical Requirements PASS
ASTM F963-07(e1) / 16 CFR 1500.3 (c) (6) (vi) Flammability Requirements PASS
Client’s specification with reference to ASTM F963-07(e1) Section 4.3.5.1 Total Lead Content Requirements PASS
ASTM F963-07(e1) Section 4.3.5.2 Soluble Migrated Elements Requirements PASS
NERC (Formerly Organization: CSG) Model Legislation - Toxics in Packaging Clearinghouse (TPCH), as revised December 1998 & October 2004 PASS
Total Lead Content in Substrate Materials as per Client’s specification with reference to Consumer Product Safety Improvement Act of 2008 (H.R. 4040) PASS
Total Lead Content in Paint or Surface Coating as per Client’s specification with reference to Consumer Product Safety Improvement Act of 2008 (H.R. 4040) PASS
Total Phthalate Test as per Consumer Product Safety Improvement Act of 2008 (H.R. 4040) Title I, Section 108 PASS

REMARK: THE RESULTS RELATE ONLY TO THE SAMPLES TESTED.

For and on behalf of
Specialized Technology Resources (H.K.) Ltd.

Ricky Lee
Technical Operation Manager
Toys and Premiums Department
www

****************************************************************** * End of Page 1 of 7 * ******************************************************************
TEST RESULTS:

1.1 PHYSICAL AND MECHANICAL TESTS OF THE MOST STRINGENT REQUIREMENTS OF THE FOLLOWING STANDARDS:
A) ASTM F963-07(e1)
B) 16 CFR

The following clauses are identified to be applicable:

<table>
<thead>
<tr>
<th>Sample size:</th>
<th>2 set(s) × 1 style(s)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Test Items</th>
<th>Assessment</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.7 1500.49 Accessible Edges</td>
<td>Pass</td>
</tr>
<tr>
<td>4.9 1500.48 Accessible Points</td>
<td>Pass</td>
</tr>
<tr>
<td>4.12 Packaging Film</td>
<td>Pass</td>
</tr>
<tr>
<td>4.39 Magnets</td>
<td>Pass</td>
</tr>
<tr>
<td>5 Labeling Requirements</td>
<td>Pass</td>
</tr>
<tr>
<td>6 Instructional Literature</td>
<td>Pass</td>
</tr>
<tr>
<td>7 Producer’s Markings</td>
<td>Pass</td>
</tr>
<tr>
<td>1500.121 Labeling requirements, prominence, placement, and conspicuousness</td>
<td>Pass</td>
</tr>
</tbody>
</table>

Details
1. The nominal and actual thicknesses were greater than 0.03810mm & 0.03175 mm respectively.

1.2 FLAMMABILITY TEST TO ASTM F963-07(e1) Annex A4 / 16 CFR 1500.44 defined under 16 CFR 1500.3 section (c) (6) (vi)

Sample size: 1 set(s) × 1 style(s)

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Results</th>
</tr>
</thead>
<tbody>
<tr>
<td>Burning rate should not exceed 0.1 inch per second along the major axis.</td>
<td>The burn rate of sample(s) was less than 0.1 inch per second.</td>
</tr>
</tbody>
</table>

Date(s) of test(s) conducted: February 19-26, 2009
TEST REPORT

PROJECT NO. : 5774.34434.T004
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DATE : March 21, 2009

TEST RESULTS:

2. CHEMICAL TESTS:

Key to sample(s):

Sample 1 = White (dice) wet paint
Sample 2 = Black (ziplock bag) wet paint
Sample 3 = Yellow / Black (yellow magnet tape) coating
Sample 4 = Brown / Black (brown magnet tape) coating
Sample 5 = White (dice) coating
Sample 6 = Black (ziplock bag) coating
Sample 7 = Black / White paper (The Fraction Kit Guide)
Sample 8 = Yellow paper tape
Sample 9 = Brown paper tape
Sample 10 = Green paper tape
Sample 11 = Purple paper tape
Sample 12 = Orange paper tape
Sample 13 = Red paper tape
Sample 14 = Blue paper tape
Sample 15 = Light blue paper tape
Sample 16 = Clear plastic sheet (on magnet tape) [2nd submission sample]
Sample 17 = White plastic sheet (on magnet tape) [2nd submission sample]
Sample 18 = Black magnet tape
Sample 19 = Blue plastic (dice)
Sample 20 = Red plastic (dice)
Sample 21 = Clear polybag (ziplock bag)
Sample 22 = Silver metal staple (The Fraction Kit Guide)
Sample 23 = Multi color paper box + Dull white paper sheet
Sample 24 = White paper tape + Black / Blue paper sheet + Black / White paper sticker
TEST RESULTS:

2.1 TOTAL LEAD CONTENT TEST: IN-HOUSE METHOD SLIHT002

Criteria: The submitted sample(s) must not exceed the Total Lead Limit of 90 milligrams per kilogram as per Client’s Specification with reference to Consumer Product Safety Improvement Act of 2008 (H.R. 4040) and ASTM F963-07(e1) section 4.3.5.1.

Results:

<table>
<thead>
<tr>
<th></th>
<th>Sample 1</th>
<th>Sample 2</th>
<th>Sample 3</th>
<th>Sample 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Lead</td>
<td>&lt;30.0</td>
<td>&lt;30.0</td>
<td>&lt;30.0</td>
<td>&lt;30.0</td>
</tr>
</tbody>
</table>

All concentrations expressed in milligrams per kilogram
"<" means "less than"

Remark: The limit is not applicable to composite samples.

2.2 SOLUBLE MIGRATED ELEMENTS: ASTM F963-07(e1) Section 4.3.5.2 & 8.3.

Results:

<table>
<thead>
<tr>
<th>Elements</th>
<th>Antimony</th>
<th>Arsenic</th>
<th>Barium</th>
<th>Cadmium</th>
<th>Chromium</th>
<th>Lead</th>
<th>Mercury</th>
<th>Selenium</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limits</td>
<td>&lt; 60</td>
<td>&lt; 25</td>
<td>&lt; 1000</td>
<td>&lt; 75</td>
<td>&lt; 60</td>
<td>&lt; 90</td>
<td>&lt; 60</td>
<td>&lt; 500</td>
</tr>
<tr>
<td>Sample 3</td>
<td>&lt; 6.0</td>
<td>&lt; 2.5</td>
<td>32.5</td>
<td>&lt; 6.0</td>
<td>11.5</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
</tr>
<tr>
<td>Sample 4</td>
<td>&lt; 6.0</td>
<td>&lt; 2.5</td>
<td>63.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
</tr>
<tr>
<td>Sample 5</td>
<td>&lt; 6.0</td>
<td>&lt; 2.5</td>
<td>7.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
</tr>
<tr>
<td>Sample 6</td>
<td>&lt; 6.0</td>
<td>&lt; 2.5</td>
<td>7.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
<td>&lt; 6.0</td>
</tr>
</tbody>
</table>

All concentrations expressed in milligrams per kilogram
"<" means "less than"

Remark:

1. Method for determination of each soluble element present
   a) Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury and Selenium are determined by Inductively Coupled Plasma Spectroscopy.
2. For samples 5 and 6, the sample weight used were 0.0480 and 0.0102 gram per piece respectively.
## TEST RESULTS:

### 2.3 TOTAL LEAD CONTENT TEST: IN-HOUSE METHOD SLIHT007 / IN-HOUSE METHOD WITH REFERENCE TO SLIHT002

Criteria: The substrate materials must not exceed the Total Lead Limit of 200 milligrams per kilogram as per Client’s Specification with reference to Consumer Product Safety Improvement Act of 2008 (H.R. 4040)

Results:

<table>
<thead>
<tr>
<th>Sample</th>
<th>Total Lead</th>
<th>Sample</th>
<th>Total Lead</th>
<th>Sample</th>
<th>Total Lead</th>
<th>Sample</th>
<th>Total Lead</th>
<th>Sample</th>
<th>Total Lead</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>&lt;30.0</td>
<td>8</td>
<td>&lt;30.0</td>
<td>9</td>
<td>&lt;30.0</td>
<td>10</td>
<td>&lt;30.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>&lt;30.0</td>
<td>12</td>
<td>&lt;30.0</td>
<td>13</td>
<td>&lt;30.0</td>
<td>14</td>
<td>&lt;30.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>&lt;30.0</td>
<td>16</td>
<td>&lt;30.0</td>
<td>17</td>
<td>&lt;30.0</td>
<td>18</td>
<td>&lt;50.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>&lt;50.0</td>
<td>20</td>
<td>&lt;50.0</td>
<td>21</td>
<td>&lt;50.0</td>
<td>22</td>
<td>&lt;34.3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

All concentrations expressed in milligrams per kilogram
"<" means "less than"

### 2.4 NERC (FORMERLY ORGANIZATION: CSG) MODEL LEGISLATION - TOXICS IN PACKAGING CLEARINGHOUSE (TPCH), AS REVISED DECEMBER 1998 & OCTOBER 2004 AND IN-HOUSE METHOD WITH REFERENCE TO SLIHT002

Results:

<table>
<thead>
<tr>
<th>Elements Limit</th>
<th>Total Cadmium</th>
<th>Hexavalent Pb + Cd + Hg +</th>
<th>Total Lead</th>
<th>Total Mercury</th>
<th>Cr(VI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limits</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td>&lt; 100</td>
</tr>
<tr>
<td>Sample 23</td>
<td>&lt;2.5</td>
<td>&lt;2.5</td>
<td>&lt;7.5</td>
<td>&lt;2.0</td>
<td>&lt;15.0</td>
</tr>
<tr>
<td>Sample 24</td>
<td>&lt;2.5</td>
<td>&lt;2.5</td>
<td>&lt;7.5</td>
<td>&lt;2.0</td>
<td>&lt;14.5</td>
</tr>
</tbody>
</table>

All concentrations expressed in milligrams per kilogram
"<" means "less than"
## TEST RESULTS:

### 2.5 TOTAL PHthalATE TEST: Consumer Product Safety Improvement Act of 2008 (H.R. 4040) Title I, Section 108

**Test Method:** Chloroform extraction followed by GC-MSD analysis.

**Requirement:** DEHP, DBP & BBP content shall not individually be more than 0.1% by weight in toys and childcare article.

DINP, DIDP & DNOP content shall not individually be more than 0.1% by weight in toys and childcare articles which can be placed in the mouth by children.

<table>
<thead>
<tr>
<th>Plasticisers</th>
<th>Black magnet tape (red style)</th>
<th>Blue plastic with white coating (dice)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DBP</td>
<td>None detected</td>
<td>None detected</td>
</tr>
<tr>
<td>BBP</td>
<td>None detected</td>
<td>None detected</td>
</tr>
<tr>
<td>DEHP</td>
<td>None detected</td>
<td>None detected</td>
</tr>
<tr>
<td>DNOP</td>
<td>None detected</td>
<td>None detected</td>
</tr>
<tr>
<td>DINP</td>
<td>None detected</td>
<td>None detected</td>
</tr>
<tr>
<td>DIDP</td>
<td>None detected</td>
<td>None detected</td>
</tr>
</tbody>
</table>

| Plasticisers          | Clear plastic sheet (on red magnet tape) | White plastic sheet with red / black coating (on red magnet tape) [2nd submission sample] |
|-----------------------|------------------------------------------|----------------------------------------------------------------|----------------------------------------------------------------|
| DBP                   | None detected                            | None detected                                                      |
| BBP                   | None detected                            | None detected                                                      |
| DEHP                  | None detected                            | None detected                                                      |
| DNOP                  | None detected                            | None detected                                                      |
| DINP                  | None detected                            | None detected                                                      |
| DIDP                  | None detected                            | None detected                                                      |

Detection Limit for DBP/ BBP/ DEHP/ DNOP = 0.01%
Detection Limit for DINP/ DIDP = 0.02%

**Key:**

- **DBP** = Di-butyl phthalate
- **BBP** = Butyl-benzyl phthalate
- **DEHP** = Di-(2-ethyl-hexyl) phthalate
- **DNOP** = Di-n-octyl phthalate
- **DINP** = Di-iso-nonyl phthalate
- **DIDP** = Di-iso-decyl phthalate

**Date(s) of test(s) conducted:** February 19 – March 19, 2009
TEST REPORT

PROJECT NO. : 5774.34434.T004
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Photo(s) of sample(s):

![Photo of sample](image1)

![Photo of sample](image2)
LIMITATION OF LIABILITY

3.1 Customer shall abide by all applicable regulations when shipping samples to STR. Improper shipping may result in additional charges for costs incurred by STR: (a) to identify samples to STR; and (b)...

CONFIDENTIAL TREATMENT OF INFORMATION

13.1 This Agreement and the rights and obligations of the parties shall in all respects be governed, construed, interpreted and operated in accordance with the Laws and Regulations of Hong Kong.

OBLIGATIONS OF THE CUSTOMER

2.1 If the Customer intends to make any changes to the Work(s) rendered, STR shall be entitled to charge for any additional work performed, to the extent that such changes are reasonable and feasible.

3.1 Customer shall abide by all applicable regulations when shipping samples to STR. Improper shipping may result in additional charges for costs incurred by STR: (a) to identify samples to STR; and (b)...

PATENT RIGHTS

4.1 Any inventions made in the performance of Work(s) for STR by the Customer within the field of Work(s) undertaken for the Customer shall belong to the Customer.

DATA AND DOCUMENT RETENTION

5.1 STR undertakes that the identity of its Customers and the nature of Work(s) rendered shall be kept confidential unless the Customer agrees in writing to their release PROVIDED ALWAYS

SOLICITUDE OF EMPLOYEES

7.1 It is mutually agreed that neither party shall solicit the employees of the other for employment or hire unless prior written consent is obtained.

E-MAIL DISCLAIMER

8.1 STR shall upon written request of the Customer send the final report(s) / result(s) hereunder by e-mail rather than by paper hard copy. STR considers e-mail a valuable and efficient tool, however, STR hereby gives cautions to the Customer that the report(s) / result(s) in electronic version may inadvertently be modified once it is in the Customer's word processing system. Further, the current e-mail transmission technology may allow for interception of messages(s) and report(s) / result(s) by third parties. STR shall not be held responsible for these risks, which are out of its control. (Should report(s) / result(s) be sent to the Customer by e-mail on its request, such a request SHALL BE DEEMED TO BE AN ACCEPTANCE OF THE RISK THAT THE REPORT(S) / RESULT(S) MAY BE INTERCEPTED BY THIRD PARTIES.)

LIMITATION OF LIABILITY

9.1 Subject to Clause 9.2 and notwithstanding the information contained in this Agreement, in no circumstances (except where STR has willfully refused to perform any of its obligations under this Agreement or under any order placed pursuant to Clause 2.1) shall STR be liable, in contract, tort (including negligence or breach of statutory duty) or otherwise however, and whatever the cause thereof, (a) for any loss of profit; (b) consequential, indirect or incidental damage, of any nature whatsoever, however caused or arising from the breach of any representation, warranty or other obligation contained in this Agreement; (c) any costs or expenses, whatever incurred or whatever the cause thereof, (d) for any costs or expenses whatsoever, however caused or arising from the breach of any representation, warranty or other obligation contained in this Agreement; (e) for any and all Supporting Documents less than three (3) years are scheduled to be destroyed, STR shall give the Customer thirty (30) days' notice to the Customer's last known address of its intention to destroy the Supporting Documents. Unless the Customer makes a written request to STR reaching STR before the expiration of the said thirty (30) days seeking delivery of those documents to the Customer at the Customer's expenses, those documents shall be destroyed. (c) The Customer shall indemnify STR for any costs or expenses in responding to or opposing any subpoena, the production of any documents in Court seeking the disclosure of the said documents or any information contained therein.

FAF-005

Ellinikon Date: February 1, 2005