SGS

# Test Report

No.: SZTYR100203016/TS Date: FEB 24, 2010 

HAPPY ARTS & CRAFTS (NINGBO) CO., LTD
HAPE INTERNATIONAL (NINGBO) LTD
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,
BEILUN, NINGBO, CHINA P.C. 315800

The following samples were submitted and identified by/on behalf of the client as:

| | | |
|---|---|---|
| Name of Product/Item | : | HOLZLASTER WEISS / LITTLE DUMP TRUCK, WHITE; HOLZLASTER GRÜN / LITTLE DUMP TRUCK, GREEN |
| Details of Sample Received | : | 2 STYLES ASSORTED WOODEN CAR WITH FREE WHEELS & 1 REMOVABLE BLOCK. OPEN BOX PACKED. |

| | |
|---|---|
| Sample Quantity | : 2 PCS |
| Style / Item No. | : 861396 / 861296; 861383 / 861283 |
| Manufacturer | : HAPE INTERNATIONAL (NINGBO) LTD |
| Country of Origin | : CHINA |
| Country of Destination | : GLOBAL |
| Labeled Age Grading | : 10 M+ |
| Requested Age Grading | : 10 M+ |
| Age Group Applied in Testing | : OVER 10 MONTHS |
| Sample Receiving Date | : FEB 03, 2010 |
| Resubmitted Packaging Date | : FEB 20, 2010 |
| Testing Period | : FEB 03, 2010 TO FEB 23, 2010 |

| Test Requested | Result |
|---|---|
| For compliance with the Australian/New Zealand Standard Safety of toys :- | |
| - AS/NZS ISO 8124.1:2002 +Amdt.1:2007 +Amdt.2:2009 – Safety aspects related to Mechanical and Physical Properties | Pass (Except Annex C.4) |
| - AS/NZS ISO 8124.2:2009 – Flammability | Pass |
| - AS/NZS ISO 8124.3:2003 – Migration of Certain Elements | Pass |

Signed for and on behalf of
SGS-CSTC Ltd.

Zhang Wei, Merry
Section Manager

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SGS-CSTC Standards Technical Services Co.,Ltd.
Shen zhen Laboratory.
2,4,5/F, Oastar Building, Zhongkang Road, Shangmeilin, Shenzhen, China 518049 t (86-755) 83114358 f (86-755) 83106190 www.cn.sgs.com
中国·深圳·上梅林中康路奥士达大厦2,4,5层 邮编: 518049 t (86-755) 83114358 f (86-755) 83106190 e sgs.china@sgs.com

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Results :

**- Safety aspects related to Mechanical and Physical Properties**

As specified in AS/NZS ISO 8124.1:2002, Australian/New Zealand Standard on Safety of toys Part 1: Safety aspects related to mechanical and physical properties (including Amdt.1:2007 and Amdt.2:2009).

Clause Relevant to Sample.

| Clause | Description | Result |
|---|---|---|
| **4** | **Requirements** | |
| 4.1 | Normal use | Pass |
| 4.2 | Reasonably foreseeable abuse | Pass |
| 4.3 | Material | |
| | 4.3.1 Material quality (Visual Examination) | Pass |
| 4.4 | Small parts | |
| | 4.4.1 For children up to and including 36 months | Pass |
| 4.6 | Edges | Pass |
| 4.7 | Points | |
| | 4.7.1 Accessible sharp points | Pass |
| | 4.7.3 Wooden toys | Pass |
| 4.8 | Projections | Pass |
| 4.13 | Holes, clearances and accessibility of mechanisms | |
| | 4.13.1 Circular holes in rigid materials | Pass |
| **5** | **Test methods** | |
| 5.24 | Reasonably foreseeable abuse tests | |
| | 5.24.2 Drop test | Pass |
| | 5.24.5 Torque test | Pass |
| | 5.24.6 Tension test | Pass |
| **Annex C** | | |
| **C.2** | Safety-labeling guidelines | |
| C.2.1 | Label definition and location | Pass |
| C.2.2 | Age grading | Pass |
| **C.4** | Manufacturer's Markings | See Remark |
| | (Remark: It is drawn to your attention that a principal component of the toy, the packaging, a label or a leaflet accompanying the toy should be marked with the name and address of the manufacturer or the distributor, or with a trademark and / or mark which clearly identifies the manufacturer / distributor.) | |

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SGS-CSTC Standards Technical Services Co.,Ltd. Shen zhen Branch Laboratory.

SZTY 2356527

2,4,5/F, Oastar Building, Zhongkang Road, Shangmeilin, Shenzhen, China 518049 t (86-755) 83114358 f (86-755) 83106190 www.cn.sgs.com
中国・深圳・上梅林中康路奥士达大厦2,4,5层 邮编: 518049 t (86-755) 83114358 f (86-755) 83106190 e sgs.china@sgs.com

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**- Flammability**

As specified in AS/NZS ISO 8124.2:2009 Australian/New Zealand Standard on Safety of toys Part 2: Flammability

| Clause | Description | Result |
|---|---|---|
| 4.1 | General Requirements ..... | Pass |

**- Migration of Certain Elements**

As specified in AS/NZS ISO 8124.3:2003 Australian/New Zealand Standard on Safety of toys Part 3: Migration of certain elements.

| **Element** | **Pb** | **Sb** | **As** | **Ba** | **Cd** | **Cr** | **Hg** | **Se** |
|---|---|---|---|---|---|---|---|---|
| **Soluble Limit (mg/kg)** | 90 | 60 | 25 | 1000 | 75 | 60 | 60 | 500 |
| **Specimen Description** | **Adjusted Soluble Result (mg/kg)** | | | | | | | |
| 1. Transparent lacquer coating on wood (Wheels) | <5 | <5 | <5 | <10 | <5 | <5 | <5 | <10 |
| 2. Yellow coating on wood (Truck) | <5 | <5 | <5 | 36 | <5 | <5 | <5 | <10 |
| 3. White coating on wood (Truck) | <5 | <5 | <5 | <10 | <5 | <5 | <5 | <10 |
| 4. Orange coating on wood (Truck) | <5 | <5 | <5 | <10 | <5 | <5 | <5 | <10 |
| 5. Green coating on wood (Truck) | <5 | <5 | <5 | <10 | <5 | <5 | <5 | <10 |
| 6. Cream wood | <5 | <5 | <5 | <10 | <5 | <5 | <5 | <10 |

- < = Less than
- Results shown are of the adjusted analytical results.
- Results of specimen No.1 & No.6 are copied from report No. SZTYR100203010/TS.
- Results of specimen No.2-No.5 are copied from report No. SZTYR100203015/TS.
- As received, the test portion of coffee coating on wood (Pattern) is less than 10mg, therefore such components were not tested for migration of certain elements, as specified in the Australian/New Zealand Standard on Safety of toys part 3 : 2003, Clause 7 – selection of test portions.

N.B. : - Only applicable clauses were shown.

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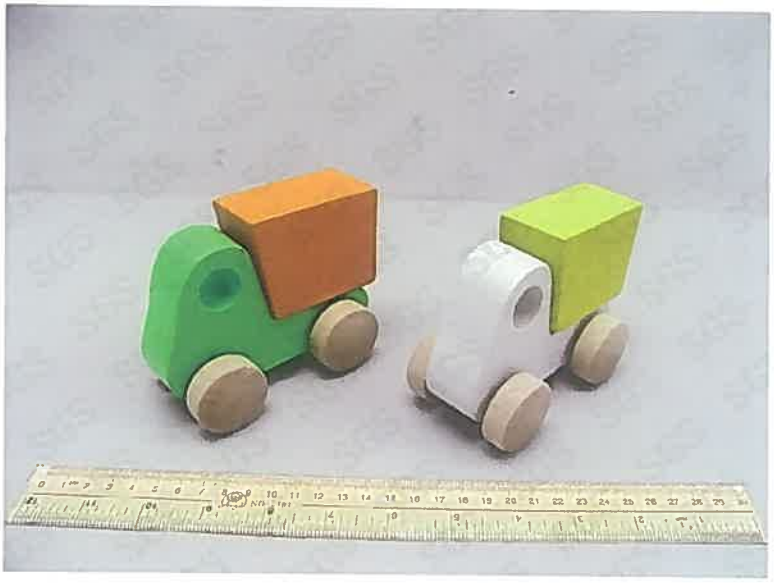
**Sample Photo:**



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*** End of Report ***

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