

# Test Report

No.: SZTYR100102048/TS

Date: FEB 04, 2010

Page 1 of 4

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 : PARKHAUS / PARK'N GO GARAGE

Details of Sample Received : 1 ASSEMBLY WOODEN PARKING LOT WITH REMOVABLE LID & ROADS, COMES WITH 1 WOODEN HELICOPTER, 2 WOODEN CARS WITH PLASTIC FREE WHEELS & AN INSTRUCTION SHEET.

Sample Quantity : 1 SET

Style / Item No. : 861371/861271

Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD

Country of Origin : CHINA

Country of Destination : GLOBAL

Labeled Age Grading : 3 YEARS +

Requested Age Grading : 3Y+

Age Group Applied in Testing : OVER 3 YEARS

Sample Receiving Date : JAN 25, 2010

Testing Period : JAN 25, 2010 TO FEB 03, 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 | <u>Pass</u><br>(Except Annex C.4) |
| - AS/NZS ISO 8124.2:2009 – Flammability   | <u>Pass</u>                       |
| - AS/NZS ISO 8124.3:2003 – Migration of Certain Elements  | <u>Pass</u>                       |

Signed for and on behalf of  
 SGS-CSTC Ltd.

  
 Liu Junjie, Tony  
 Supervisor

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SGS-CSTC Standards Technical Services Co., Ltd.  
 Shenzhen 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

**SZTY 2362026**

# Test Report

No.: SZTYR100102048/TS

Date: FEB 04, 2010

Page 2 of 4

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      |
|----------|--|-------------|
| <b>4</b> | <b>Requirements</b>  |             |
| 4.1      | Normal use.....  | <u>Pass</u> |
| 4.2      | Reasonably foreseeable abuse.....                              | <u>Pass</u> |
| 4.3      | Material   |             |
| 4.3.1    | Material quality (Visual Examination).....                     | <u>Pass</u> |
| 4.4      | Small parts  |             |
| 4.4.2    | For children from 37 months up to and including 72 months..... | <u>Pass</u> |
| 4.6      | Edges  |             |
| 4.6.1    | Accessible sharp edges of glass or metal.....                  | <u>Pass</u> |
| 4.6.4    | Edges on moulded toys.....                                     | <u>Pass</u> |
| 4.7      | Points   |             |
| 4.7.1    | Accessible sharp points.....                                   | <u>Pass</u> |
| 4.7.3    | Wooden toys.....   | <u>Pass</u> |
| 4.8      | Projections.....   | <u>Pass</u> |
| 4.13     | Holes, clearances and accessibility of mechanisms              |             |
| 4.13.1   | Circular holes in rigid materials.....                         | <u>Pass</u> |
| 4.14     | Springs.....   | <u>Pass</u> |
| <b>5</b> | <b>Test methods</b>  |             |
| 5.24     | Reasonably foreseeable abuse tests                             |             |
| 5.24.2   | Drop test.....   | <u>Pass</u> |
| 5.24.5   | Torque test.....   | <u>Pass</u> |
| 5.24.6   | Tension test.....  | <u>Pass</u> |
| 5.24.7   | Compression test.....  | <u>Pass</u> |

## Annex C

|  |   |                   |
|--|---|-------------------|
| <b>C.2</b>   | <b>Safety-labeling guidelines</b>               |                   |
| C.2.1  | Label definition and location .....             | <u>Pass</u>       |
| C.2.2  | Age grading.....                                | <u>Pass</u>       |
| C.2.3  | Small toys and toys containing small parts..... | <u>Pass</u>       |
| <b>C.4</b>   | <b>Manufacturer's Markings .....</b>            | <u>See Remark</u> |
| <p>(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.)</p> |   |                   |

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**SZTY 2362027**

# Test Report

No.: SZTYR100102048/TS

Date: FEB 04, 2010

Page 3 of 4

## - 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  | Mass of trace amount (mg) |
|--|--|----|----|------|----|----|----|-----|---------------------------|
| <b>Soluble Limit (mg/kg)</b>                                     | 90                                     | 60 | 25 | 1000 | 75 | 60 | 60 | 500 |                           |
| <b>Specimen Description</b>                                      | <b>Adjusted Soluble Result (mg/kg)</b> |    |    |      |    |    |    |     |                           |
| 1. Beige wood  | <5                                     | <5 | <5 | 21   | <5 | <5 | <5 | <10 | /                         |
| 2. Cream plywood   | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 3. Transparent lacquer coating on wood (Garage, plane)           | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 4. White elastic cord  | <5                                     | <5 | <5 | 32   | <5 | <5 | <5 | <10 | /                         |
| 5. White coating on wood (Plane, garage)                         | <5                                     | <5 | <5 | 66   | <5 | <5 | <5 | <10 | /                         |
| 6. Brown hard board  | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 7. Black coating on wood (Garage, car, plane)                    | <5                                     | <5 | <5 | 108  | <5 | <5 | <5 | <10 | /                         |
| 8. Red coating on wood (Garage)                                  | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 9. Dk. red coating on wood (Lifter)                              | <5                                     | <5 | <5 | 15   | <5 | <5 | <5 | <10 | /                         |
| 10. Orange-red coating on wood (Knob, car, plane, control board) | <5                                     | <5 | <5 | 13   | <5 | <5 | <5 | <10 | /                         |
| 11. Grey coating on wood (Control board)                         | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | 38.1                      |
| 12. Deep blue coating on wood (Car)                              | <5                                     | <5 | <5 | 18   | <5 | <5 | <5 | <10 | /                         |
| 13. White woven cord   | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 14. Black soft plastics (Tires)                                  | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 15. Beige plastics (Lock)  | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |
| 16. Pale blue coating on wood (Window)                           | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | 14.5                      |
| 17. Cream bamboo   | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | 55.2                      |
| 18. Cream plastics (Wheels)                                      | <5                                     | <5 | <5 | <10  | <5 | <5 | <5 | <10 | /                         |

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Shenzhen 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

SZTY 2362028

## Test Report

No.: SZTYR100102048/TS

Date: FEB 04, 2010

Page 4 of 4

- < = Less than
- Results shown are of the adjusted analytical results.
- Results of specimen No.1 are copied from report No. SZTYR100102022/TS.
- Results of specimen No.2 & No.3 are copied from report No. SZTYR100102027/TS.
- Results of specimen No.4 are copied from report No. SZTYR100102031/TS.
- Results of specimen No.5 are copied from report No. SZTYR100102039/TS.
- Results of specimen No.6 are copied from report No. SZTYR100102043/TS.
- Results of specimen No.7-No.18 are copied from report No. SZTYR100102047/TS.
- As received, the test portion of coffee coating on wood (Logo) 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.

### Sample Photo:



SGS authenticate the photo on original report only

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

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