

Test Report

No.: SZTYR090717709/TS

Date: AUG 25, 2009

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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 : E-OFFROADER

Details of Sample Received : BAMBOO CAR WITH FREE WHEELS. PLASTIC PARTS AND TIRES.

Sample Quantity : 1 PC
Style / Item No. : 821518/897579
Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD.
Country of Origin : CHINA
Country of Destination : GLOBAL
Labeled Age Grading : 3-99 YEARS
Requested Age Grading : 3Y+
Age Group Applied in Testing : OVER 3 YEARS
Sample Receiving Date : JUL 13, 2009
Resubmitted Packaging Date : AUG 18, 2009
Further Information Date : AUG 18, 2009
Testing Period : JUL 13, 2009 TO AUG 25, 2009

Test Requested

Result

For compliance with the Australian/New Zealand Standard Safety of toys :-

- AS/NZS ISO 8124.1:2002 +Amdt.1:2007 – Safety aspects related to Mechanical and Physical Properties
- AS/NZS ISO 8124.2:2003 – Flammability
- AS/NZS ISO 8124.3:2003 – Migration of Certain Elements

Pass
(Except Annex C.4)
Pass
Pass

Signed for and on behalf of
SGS-CSTC Ltd.



Zhang Wei, Merry
Section Manager

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Results :

AS/NZS ISO 8124.1:2002+A1:2007

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).

Clause Relevant to Sample.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Requirements	
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>
4.6	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>
5	Test methods	
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>

Annex C

C.2	Safety-labeling guidelines	
C.2.2	Age grading.....	<u>Pass</u>
C.4	Manufacturer's Markings	<u>See Remark</u>

(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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AS/NZS ISO 8124.2:2003

As specified in AS/NZS ISO 8124.2:2003 Australian/New Zealand Standard on Safety of toys Part 2: Flammability

Clause	Description	Result
4.1	General Requirements	Pass

AS/NZS ISO 8124.3:2003

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 bamboo (E-offroader)	<5	<5	<5	<10	<5	<5	<6.7	<10
2. Cream bamboo	<5	<5	<5	<10	<5	<5	<6.7	<10
3. Red coating on bamboo (E-offroader)	<5	<5	<5	<10	<5	<5	<6.7	<10
4. White coating on bamboo (E-offroader)	<5	<5	<5	<10	<5	<5	<6.7	<10
5. Translucent soft plastics (Type, fastener)	<5	<5	<5	<10	<5	<5	<6.7	<10
6. Silver-grey plastics (E-offroader)	<5	<5	<5	<10	<5	<5	<6.7	<10

- < = Less than
- Results shown are of the adjusted analytical results.
- Results of specimen No.1-No.4 are copied from report No. SZTYR090717740/TS.
- Results of specimen No.5 & No.6 are copied from report No. SZTYR090717700/TS.
- As received, the test portion of red, white coating on bamboo (Logo) are 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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