



Test Report

No.: SZTYR090717701/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-TRUCK

Details of Sample Received : 2 STYLES ASSORTED BAMBOO VEHICLES WITH FREE WHEELS.

Sample Quantity : 2 PCS

Style / Item No. : 821517/897578

Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD

Country of Origin : CHINA

Country of Destination : GLOBAL

Labeled Age Grading : 3-99 YEARS

Requested Age Grading : 3 Y +

Age Group Applied in Testing : OVER 3 YEARS

Sample Receiving Date : JUL 13, 2009

Further Information Date : AUG 18, 2009

Testing Period : JUL 13, 2009 TO JUL 25, 2009

<u>Test Requested</u>	<u>Result</u>
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	<u>Pass (Except Annex C.4)</u>
- AS/NZS ISO 8124.2:2003 – 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.



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.

Clause	Description	Result
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>
4.7	Points	
4.7.1	Accessible sharp points.....	<u>Pass</u>
4.7.3	Wooden toys.....	<u>Pass</u>
4.8	Projections.....	<u>Pass</u>
4.12	Folding mechanism	
4.12.3	Hinge-line clearance..... (Not applicable to products with a hinged part that has a mass less than 250g.)	<u>N/A</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>
5.24.7	Compression 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	Mass of trace amount (mg)
Soluble Limit (mg/kg)	90	60	25	1000	75	60	60	500	
Specimen Description	Adjusted Soluble Result (mg/kg)								
1. Transparent lacquer coating (Truck)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
2. Cream bamboo	<5	<5	<5	<10	<5	<5	<6.7	<10	/
3. Dk. yellow coating on bamboo (Truck)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
4. Blue coating on bamboo (Truck)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
5. White coating on bamboo (Truck)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
6. Orange coating on bamboo (Truck)	<5	<5	<5	<10	<5	<5	<6.7	<10	58.2
7. Translucent soft plastics (Type, fastener)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
8. Silver-grey plastics (Truck)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
9. White plastics (Fastener)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
10. Flesh plastics (Fastener)	<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.2, No.4-No.6 & No.10 are copied from report No. SZTYR090717740/TS.
- Results of specimen No.3 & No.7-No.9 are copied from report No. SZTYR090717700/TS.
- As received, the test portion of red w/ white coating on bamboo (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.

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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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