

Test Report

No.: SZTYR090717705/TS

Date: AUG 28, 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 : ECO GARTEN SET / ECO GARDEN SET

Details of Sample Received : WOODEN PLAY SET CONTAINS: 1 BASE, 1 DESK WITH UMBRELLA,
2 BAMBOOS, 2 CHAIRS, 1 STOVE, 1 CLIP, 4 CUPS, 2 PLATES,
SOME BLOCKS & ACCESSORIES.

Sample Quantity : 1 PC

Style / Item No. : 821507/897567

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

Further Information Date : AUG 17, 2009

Testing Period : JUL 13, 2009 TO AUG 27, 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.

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>
4.4	Small parts	
4.4.2	For children from 37 months up to and including 72 months.....	<u>Pass</u>
4.6	Edges	
4.6.4	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>
4.10	Plastic film or plastic bags in packaging and in toys.....	<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>
5.24.7	Compression test.....	<u>Pass</u>

Annex C

C.2	Safety-labeling guidelines	
C.2.2	Age grading.....	<u>Pass</u>
C.2.3	Small toys and toys containing small parts.....	<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 on bamboo (Garden set)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
2. Cream bamboo	<5	<5	<5	<10	<5	<5	<6.7	<10	/
3. Orange fabric	<5	<5	<5	<10	<5	<5	<6.7	<10	/
4. Orange coating on bamboo (Bottle)	<5	<5	<5	<10	<5	<5	<6.7	<10	58.2
5. Red coating on bamboo (Garden set)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
6. Grey coating on bamboo (Garden set)	<5	<5	<5	<10	<5	<5	<6.7	<10	97.8
7. Blue coating on bamboo (Cup)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
8. Dk. green felt	<5	<5	<5	<10	<5	<5	<6.7	<10	/
9. White elastic cord	<5	<5	<5	<10	20	<5	<6.7	<10	/
10. Yellow fabric	<5	<5	<5	<10	<5	<5	<6.7	<10	/
11. Orange plastics (Umbrella)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
12. Dull blue coating on bamboo (Block)	<5	<5	<5	<10	<5	<5	<6.7	<10	21.1
13. Brown-red coating on bamboo (Block)	<5	<5	<5	<10	<5	<5	<6.7	<10	17.2
14. Yellow-green coating on bamboo (Block)	<5	<5	<5	<10	<5	<5	<6.7	<10	66.9
15. Lt. grey coating on bamboo (Knife, fork)	<5	<5	<5	<10	<5	<5	<6.7	<10	63.8
16. Lt. blue coating on bamboo (Bottle)	<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.7 & No.14 are copied from report No. SZTYR090717740/TS.
- Results of specimen No.8-No.13, No.15 & No.16 are copied from report No. SZTYR090717704/TS.
- As received, the test portion of red, white coating on bamboo (Logo), transparent dry glue 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:



SGS authenticate the photo on original report only

*** End of Report ***

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