

## Test Report

No.: SZTYR090717727/TS

Date: AUG 19, 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 : LIFESTYLE BEDROOM

Details of Sample Received : BAMBOO BEDROOM PLAYSET INCLUDING: 1 BED, 1 CABINET WITH OPENABLE DOORS, 1 BUCKET, 2 STOOLS, 3 PILLOWS, 1 GUILT, 7 FABRIC SHEETINGS, 1 POTTED PLANT AND ACCESSORISED. PRINTED BOX PACKED.

Sample Quantity : 1 PC  
Style / Item No. : 821508/897568  
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 (AS PER CLIENT'S REQUEST)  
Sample Receiving Date : JUL 13, 2009  
Resubmitted Packaging Date : AUG 17, 2009  
Testing Period : JUL 13, 2009 TO AUG 18, 2009

TEST REQUESTED : For compliance with the test requirement of ASTM F963-08 Standard Consumer Safety Specification on Toy Safety (Except Clause 4.3.7).

RESULTS : Details please refer to next page.

CONCLUSION : The submitted samples comply with the requested test requirements.

Signed for and on behalf of  
SGS-CSTC Ltd.



Zhang Wei, Merry  
Section Manager

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ASTM F963 - 08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.	<u>Safety Requirements</u>	
4.1	Material Quality **.....	Pass
4.2	Flammability Test.....	Pass (See Note 1)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	Pass (See Note 2)
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.10	Wires or Rods .....	Pass
4.13	Folding Mechanisms & Hinges..... (Remark: not applicable because of the weight of part link with hinge is less than 0.5lb.)	N/A
4.27	Stuffed & Beanbag-Type Toy.....	Pass
5.	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling.....	Pass
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings.....	Pass
8.	<u>Test Method</u>	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test.....	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass
8.10	Compression Test.....	Pass
8.12	Flexure Test.....	Pass

\*\*Visual Examination

Note 1 :

Flammability Test (Clause 4.2)

Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
LIFESTYLE BEDROOM	0.1*	0.1

\*Burning rate has been rounded to the nearest one tenth of an inch per second.

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**Note 2 :**

Paint & Similar Surface-coating Material (Clause 4.3.5)

ASTM F963-08 - Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

TOTAL LEAD CONTENT - SAMPLES WERE DIGESTED IN NITRIC ACID (1+1) AND CONCENTRATED HYDROCHLORIC ACID BY MICROWAVE DIGESTION SYSTEM.

ANALYSIS WAS PERFORMED BY ATOMIC ABSORPTION SPECTROMETER.

Specimen Description	Total Pb Result (mg/kg)	Limit (mg/kg)
1. Transparent lacquer coating on bamboo (Bedroom set)	< 10	600
2. White (Lamp) w/ red, white (Logo) coating on bamboo & white coating on fabric (Quilt)	< 10	600
3. Orange coating on bamboo (Flowerpot)	< 10	600

- < = Less than
- Results shown are of the total weight of dry sample.
- Results of specimen No.1 & No.3 are copied from report No. SZTYR090743674/LP.
- Result of specimen No.2 is copied from report No. SZTYR090743655/LP.

ASTM F963-08 - Heavy Metals Analysis : Soluble Heavy Metal (Clause 4.3.5.2)

SOLUBLE HEAVY METALS CONTENTS - SAMPLES WERE EXTRACTED BY DILUTE HYDROCHLORIC ACID IN ACCORDANCE WITH ASTM F963-08 (CLAUSE 8.3).

ANALYSIS WAS PERFORMED BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETER.

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. Transparent lacquer coating on bamboo (Bedroom set)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
2. White coating on bamboo (Lamp)	<5	<5	<5	<10	<5	<5	<6.7	<10	/
3. Orange coating on bamboo (Flowerpot)	<5	<5	<5	<10	<5	<5	<6.7	<10	58.2

- < = Less than
- As received, the test portion of red w/ white coating on bamboo (Logo), white coating on fabric (Quilt) are less than 10mg, therefore such components were not tested for soluble elements, as specified in ASTM F963-08 Clause 8.3.3.1 (2).
- Results of soluble elements shown are of the adjusted analytical results.
- Results of specimen No.1-No.3 are copied from report No. SZTYR090717740/TS.

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

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### Sample Photo:



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

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