

Test Report

No.: SZTYR100101620/TS

Date: MAR 02, 2010

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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 : RAINBOW LACING SHAPES / FÄDELSPIEL REGENBOGEN

Details of Sample Received : WOODEN PLAY SET CONTAINS: SOME BLOCKS, 2 CORDS WITH WOODEN BARS ATTACHED. SHRINK FILM WITH INSERTED CARD PACKED.

Sample Quantity : 1 PC
Style / Item No. : 861257/861357
Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD
Country of Origin : CHINA
Country of Destination : GLOBAL
Labeled Age Grading : 3Y +
Requested Age Grading : 3Y +
Age Group Applied in Testing : OVER 3 YEARS (AS PER CLIENT'S REQUEST)
Sample Receiving Date : JAN 20, 2010
Resubmitted Packaging Date : FEB 25, 2010
Further Information Date : FEB 02, 2010
Testing Period : JAN 20, 2010 TO MAR 02, 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
- AS/NZS ISO 8124.2:2009 – 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 :

- 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
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.....	<u>Pass</u>
4.7	Points	
4.7.1	Accessible sharp points.....	<u>Pass</u>
4.7.3	Wooden 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>
Annex C		
C.2	Safety-labeling guidelines	
C.2.1	Label definition and location	<u>Pass</u>
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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- 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
Soluble Limit (mg/kg)	90	60	25	1000	75	60	60	500
Specimen Description	Adjusted Soluble Result (mg/kg)							
1. Red coating on wood (Beads)	<5	<5	<5	48	<5	<5	<5	<10
2. Orange coating on wood (Beads)	<5	<5	<5	74	<5	<5	<5	<10
3. Yellow coating on wood (Beads)	<5	<5	<5	55	<5	<5	<5	<10
4. Green coating on wood (Beads)	<5	<5	<5	43	<5	<5	<5	<10
5. Blue w/ white coating on wood (Beads)	<5	<5	<5	57	<5	<5	<5	<10
6. Beige wood	<5	<5	<5	<10	<5	<5	<5	<10
7. Red cord	<5	<5	<5	24	<5	<5	<5	<10
8. Green cord	<5	<5	<5	<10	<5	<5	<5	<10

- < = Less than
- Results shown are of the adjusted analytical results.
- Results of specimen No.1-No.8 are copied from report No. SZTYR100101619/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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SGS Standards Technical Services Co., Ltd.
Shenzhen Testing Services 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

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