

## Test Report

No.: SZTYR100305659/TS

Date: MAR 17, 2010

Page 1 of 5

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 : PUZZLE HAUSTIERE / FARM ANIMALS STAND-UP PUZZLE; PUZZLE ZOOTIERE / WILD ANIMALS STAND-UP PUZZLE

Details of Sample Received : 2 STYLES ASSORTED WOODEN PLAY SET INCLUDING: 2 ASSORTED MAIN BOARDS, 16 ASSORTED PUZZLE BLOCKS. SHRINK FILM WITH PRINTED CARD PACKED.

Sample Quantity : 2 SETS  
Style / Item No. : 861373 / 861273; 861374 / 861274  
Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD.  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Labeled Age Grading : 24M+  
Requested Age Grading : 24M+  
Age Group Applied in Testing : OVER 24 MONTHS  
Sample Receiving Date : MAR 11, 2010  
Testing Period : MAR 11, 2010 TO MAR 17, 2010

### Test Requested

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

### Result

Pass

(Except Annex C.4)

Pass

Pass

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Zhou Xinkuan, SK  
Dept. Manager

  
Ouyang Qin, Cansy  
Section Head

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

# Test Report

No.: SZTYR100305659/TS

Date: MAR 17, 2010

Page 2 of 5

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
<b>4</b>	<b>Requirements</b>	
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	
4.4.1	For children up to and including 36 months.....	<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>
<b>5</b>	<b>Test methods</b>	
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

<b>C.2</b>	Safety-labeling guidelines	
C.2.1	Label definition and location .....	<u>Pass</u>
C.2.2	Age grading.....	<u>Pass</u>
<b>C.4</b>	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.)

\*\*\*\*\*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**SZTY 2 3 7 7 4 2 3**

# Test Report

No.: SZTYR100305659/TS

Date: MAR 17, 2010

Page 3 of 5

## - 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	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. Cream plywood	<5	<5	<5	<10	<5	<5	<5	<10	/
2. Lt. brown hardboard	<5	<5	<5	13	<5	<5	<5	<10	/
3. Transparent lacquer coating on plywood	<5	<5	<5	<10	<5	<5	<5	<10	54.6
4. Red w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	19.4
5. Sky-blue w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	/
6. Yellow w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	28.7
7. Dull green w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	14.4
8. Dk. green w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	11.7
9. Green w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	10.8
10. Lt. green w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	/
11. White w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	63.0
12. Black w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	23.0
13. Brown w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	56.0
14. Chocolate w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	17.2
15. Orange w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	55.0
16. Lt. orange w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	10.4

Attention: To check the authenticity of testing / inspection report & certificate, pls. contact tel: (86-755)83071443 email: CN.Doc@sgs.com

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its issuance only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**SZTY 2 3 7 7 4 2 4**

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>								
17. Pink w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	27.0
18. Dk. grey w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	/
19. Grey w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	14.0
20. Coffee w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	34.5
21. Lt. pink w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	33.6
22. Lt. purple w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	79.6
23. Lt. grey w/ transparent lacquer coating on plywood (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	/
24. Green coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	/
25. Brown coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	72.2
26. Chocolate coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	14.5
27. White coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	52.8
28. Black coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	21.8
29. Pink coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	24.8
30. Orange coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	38.2
31. Lt. grey coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	70.8
32. Dk. grey coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	53.0
33. Grey coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	10.7
34. Yellow coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	10.2
35. Coffee coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	24.9
36. Lt. pink coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	19.3
37. Lt. purple coating on hardboard (Pattern)	<5	<5	<5	<10	<5	<5	<5	<10	58.5

- < = Less than
- Results shown are of the adjusted analytical results.
- Results of specimen No.1-No.37 are copied from report No. SZTYR100305658/TS.
- As received, the test portion of Lt. orange coating on hardboard (Pattern), red coating on hardboard (Pattern), dull green coating on hardboard (Pattern), Dk. brown (Logo), Dk. pink (Pattern), black (Lettering) coating on plywood, black (Lettering) coating on hardboard 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.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, jurisdiction and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**SZTY2377425**

## Test Report

No.: SZTYR100305659/TS

Date: MAR 17, 2010

Page 5 of 5

### Sample Photo:



SGS authenticate the photo on original report only

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

Attention: To check the authenticity of testing / inspection report & certificate, pls. contact tel: (86-755)83071443 email: C.N.Doccheck@sgs.com

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm) and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at [www.sgs.com/terms\\_e-document.htm](http://www.sgs.com/terms_e-document.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and, within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**SZTY2377426**