



Test Report

No.: SZTYR091235018/TS

Date: JAN 14, 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 : CREATIVE PEG PUZZLE / KREATIVES HOLZSTECKSPIEL

Details of Sample Received : WOODEN PUZZLE CONTAINS: 4 PUZZLE PIECES, EACH COMES WITH 3 REMOVABLE WOODEN ACCESSORIES. PRINTED BOX PACKED.

Sample Quantity : 2 PCS

Style / Item No. : 821626 / 821726

Manufacturer : HAPE INTERNATIONAL (NINGBO) LTD.

Country of Origin : CHINA

Country of Destination : GLOBAL

Labeled Age Grading : 18 M+

Requested Age Grading : 18 M+

Age Group Applied in Testing : OVER 18 MONTHS

Sample Receiving Date : DEC 30, 2009

Resubmitted Packaging Date : JAN 11, 2010

Testing Period : DEC 30, 2009 TO JAN 13, 2010

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

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 **	<u>Pass</u>
4.2	Flammability Test.....	<u>Pass</u> <u>(See Note 1)</u>
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	<u>Pass</u> <u>(See Note 2)</u>
4.6	Small Objects	
4.6.1	Toys that are intended for children under 36 months of age.....	<u>Pass</u>
4.7	Accessible Edges.....	<u>Pass</u>
4.8	Projections.....	<u>Pass</u>
4.9	Accessible Points.....	<u>Pass</u>
5.	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling.....	<u>Pass</u>
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings.....	<u>Pass</u>
8.	<u>Test Method</u>	
8.5	Normal Use Testing.....	<u>Pass</u>
8.7	Impact Test.....	<u>Pass</u>
8.8	Torque Test.....	<u>Pass</u>
8.9	Tension Test.....	<u>Pass</u>

**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>
CREATIVE PEG PUZZLE / KREATIVES HOLZSTECKSPIEL	DNI	0.1

- DNI = Did Not Ignite

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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 - CPSC TEST METHOD: CPSC-CH-E1003-09.

Specimen Description	Total Pb Result (mg/kg)	Limit# (mg/kg)
1. Orange coating on wood (Block)	< 10	90
2. Yellow coating on wood (Block)	< 10	90
3. Orange-red coating on wood (Block)	< 10	90
4. Green coating on wood (Block)	< 10	90
5. Cyan coating on wood (Block)	< 10	90
6. Kelly coating on wood (Block)	< 10	90
7. Pink coating on wood (Block)	< 10	90
8. Lt. pink coating on wood (Block)	< 10	90
9. Red coating on wood (Block)	< 10	90
10. Purple coating on wood (Block)	< 10	90
11. Blue coating on wood (Block)	< 10	90
12. Lt. blue coating on wood (Block)	< 10	90
13. Transparent lacquer coating on plywood & wood	< 10	90

The total Pb requirement shall comply with the lead content provisions of 16 CFR 1303, issued under the Consumer Product Safety Act (CPSA) , while according to CPSA requirement the 90mg/kg limit requirement effective 14 August, 2009.

- < = Less than
- Results of specimen No.1-No.13 are copied from report No. SZTYR091286973/LP.

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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
Soluble Limit (mg/kg)	90	60	25	1000	75	60	60	500
Specimen Description	Adjusted Soluble Result (mg/kg)							
1. Orange coating on wood (Block)	<5	<5	<5	286	<5	<5	<6.7	<10
2. Yellow coating on wood (Block)	<5	<5	<5	295	<5	<5	<6.7	<10
3. Orange-red coating on wood (Block)	<5	<5	<5	71	<5	<5	<6.7	<10
4. Green coating on wood (Block)	<5	<5	<5	148	<5	<5	<6.7	<10
5. Cyan coating on wood (Block)	<5	<5	<5	194	<5	<5	<6.7	<10
6. Kelly coating on wood (Block)	<5	<5	<5	58	<5	<5	<6.7	<10
7. Pink coating on wood (Block)	<5	<5	<5	229	<5	<5	<6.7	<10
8. Lt. pink coating on wood (Block)	<5	<5	<5	220	<5	<5	<6.7	<10
9. Red coating on wood (Block)	<5	<5	<5	157	<5	<5	<6.7	<10
10. Purple coating on wood (Block)	<5	<5	<5	212	<5	<5	<6.7	<10
11. Blue coating on wood (Block)	<5	<5	<5	242	<5	<5	<6.7	<10
12. Lt. blue coating on wood (Block)	<5	<5	<5	257	<5	<5	<6.7	<10
13. Transparent lacquer coating on plywood & wood	<5	<5	<5	<10	<5	<5	<6.7	<10

- < = Less than
- Results of soluble elements shown are of the adjusted analytical results.
- Results of specimen No.1-No.13 are copied from report No. SZTYR091235019/TS.

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

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Sample Photo:



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