

## Test Report

No.: SZTYR100411224/TS

Date: JUN 07, 2010

Page 1 of 4

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: 4-IN-1 ACTIVITY TABLE / 4 IN 1  
AKTIV MÖBEL

Sample quantity : 1 STYLE X 2 PCS  
General Description And Function : 4-IN-1 ASSEMBLY ACTIVITY TOY, COMES WITH 2 TOOLS  
AND SOME ACCESSORIES.  
Materials : METAL, WOOD  
Battery : NO  
Packaging Type : PRINTED BOX  
Instruction Sheet : YES  
Style / Item No. : 861284/861384  
Manufacturer : HAPE INTERNATIONAL(NINGBO) LTD  
Country of Origin : CHINA  
Country of Destination : GLOBAL  
Labeled Age Grading : 3-8 YEARS  
Requested Age Grading : 3Y+  
Age Group Applied in Testing : OVER 3 YEARS  
Sample Receiving Date : APR 23, 2010  
Further Information Date : JUN 04, 2010  
Testing Period : APR 23, 2010 TO JUN 04, 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 Do Not comply with the requested test requirements.

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Zhang Wei, Merry  
Section Manager

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SZTY 2705931



# Test Report

No.: SZTYR100411224/TS

Date: JUN 07, 2010

Page 2 of 4

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
4.11	Nails & Fasteners	Pass
4.12	Packaging Film	Pass
4.15	Stability & Over-Load Requirements	Fail
	(Remark: The back of chair can tip over when tested to stability test.)	(See Remark)
4.18	Holes, Clearance & Accessibility of Mechanisms	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

\*\*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>
4-IN-1 ACTIVITY TABLE / 4 IN 1 AKTIV MÖBEL	DNI	0.1

DNI = Did Not Ignite

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# Test Report

No.: SZTYR100411224/TS

Date: JUN 07, 2010

Page 3 of 4

**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. Red coating on metal (Pole)	< 10	90
2. White coating on wood (Body)	< 10	90
3. Red coating on wood (Body)	< 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.3 are extracted from report No. SZTYR100426111/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
<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. Red coating on metal (Pole)	<5	<5	<5	374	<5	<5	<5	<10
2. White coating on wood (Body)	<5	<5	<5	<10	<5	<5	<5	<10
3. Red coating on wood (Body)	<5	<5	<5	<10	<5	<5	<5	<10

- < = Less than
- Results of soluble elements shown are of the adjusted analytical results.
- Results of specimen No.1-No.3 are extracted from report No. SZTYR100411225/TS.

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

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