



中国认可  
国际互认  
检测  
TESTING  
CNAS L2929

**Test Report**

No.: T51510260253TY

Date: NOV 18, 2015

Page 1 of 7

HAPE INTERNATIONAL (NINGBO) LTD  
HAPPY ARTS&CRAFTS(NINGBO)CO.,LTD  
9-27 NANHAI ROAD, DAGANG INDUSTRIAL CITY,  
BEILUN, NINGBO, CHINA PC:315800

The following samples were submitted and identified by/on behalf of the client as:

DOUBLE SIDED PLAY MAT

Item No. : E8055,E8055A,E8055AE  
E8056,E8056A,E8056AE  
E8062,E8062A,E8062AE  
E8063,E8063A,E8063AE

Country of Origin : CHINA

Country of Destination : GLOBAL

Labeled Age Grading : 3M+

Requested Age Grading : 0M+

Age Group Assessed As Per Age : OVER 3 MONTHS

Guideline

Age Group Applied in Testing : ALL AGES

Sample Receiving Date : NOV 03, 2015

Testing Period : NOV 03, 2015 TO NOV 18, 2015



SGS-CTI Standards Technical Services Co., Ltd.  
Shenzhen International Laboratory

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Page 2 of 7

Test Requested		Conclusion
1.	For compliance with the test requirement of ASTM F963-11 Standard Consumer Safety Specification on Toy Safety requirement	--
	ASTM F963-11 Standard Consumer Safety Specification for Toy Safety	PASS
2.	CPSIA section 101 - Total Lead content	--
2.1	CPSIA section 101(f) (1) – Lead in paint/similar surface coating material	NOT APPLICABLE (SEE REMARK)
2.2	CPSIA section 101(a) (2) – Lead in accessible substrate materials (Including Children’s Metal Jewelry)	PASS

Remark: There were no surface coating found in the said submitted sample.

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Standard Technical Services Co., Ltd.  
Shenzhen Branch-Toy laboratory



Lin Shuzhen, Dora  
Director  
CNAS Approved Signatory



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## Test Report

No.: T51510260253TY

Date: NOV 18, 2015

Page 3 of 7

### Results:

#### 1. ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

AS SPECIFIED IN ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass</u> <u>(See Result Page)</u>
4.3	Toxicology	
4.3.5	Heavy Elements	
4.3.5.1	Heavy Elements in Paint/Similar Surface Coating Materials	<u>Not Applicable</u> <u>(See Result Page)</u>
4.3.5.2	Heavy Metal in Substrate Materials	<u>Pass</u> <u>(See Result Page)</u>
4.6.1	Small Objects	<u>Pass</u>
4.7	Accessible Edges	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.12	Plastic Film	<u>Pass</u>
5	Safety Labeling Requirements	
5.2	Age Grading Labeling	<u>Pass</u>
5.16	Promotional Materials	<u>Pass</u>
7	Producer's Markings	
7.1	Producer's Markings	<u>Pass</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



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**Test Report**

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Date: NOV 18, 2015

Page 4 of 7

Result Page:

Flammability Test (Clause 4.2)  
Flammability Test on Solid

Sample

DOUBLE SIDED PLAY MAT

Burning Rate (inch/sec)

0.04

Requirement: A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

ASTM F963-11, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials...Not Applicable

Remark: There were no surface coating found in the said submitted sample.

**ASTM F963-11, Clause 4.3.5.2 – Heavy Elements in Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3

Method: With reference to ASTM F963-11 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Total Lead Content

Test Item(s)	Lead (Pb)		
MDL (ppm)	10		
Total Limit (ppm)	100		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Transparent plastic film w/ multi-color printing (Mat)	1	1	ND



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**Test Report**

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Page 5 of 7

Soluble Heavy Metal Content

Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) -- Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	2	1	/	ND	ND	ND	ND	ND	ND	ND	ND
2	2	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	2	3	79.8	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Transparent plastic film w/ multi-color printing (Mat)
2. Yellow woven band (Binding) w/ yellow fabric thread
3. Red w/ white woven (Sewn-in label)

- Note:
- ppm = parts per million
  - 1% = 10000 mg/kg = 10000 ppm = 10000 µg/g
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - Migration results of eight elements shown are of the adjusted analytical results



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**2.2 CPSIA - Lead in Accessible Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.3 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Test Item(s)	Lead (Pb)		
Permissible Limit **(ppm)	100		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Transparent plastic film w/ multi-color printing (Mat)	3	1	ND

\*\* Permissible Limit applies to a children's product manufactured after 14 August 2011 (Public Law 110-314 (Consumer Product Safety Improvement Act of 2008) and its Amendments Public Law 112-28)

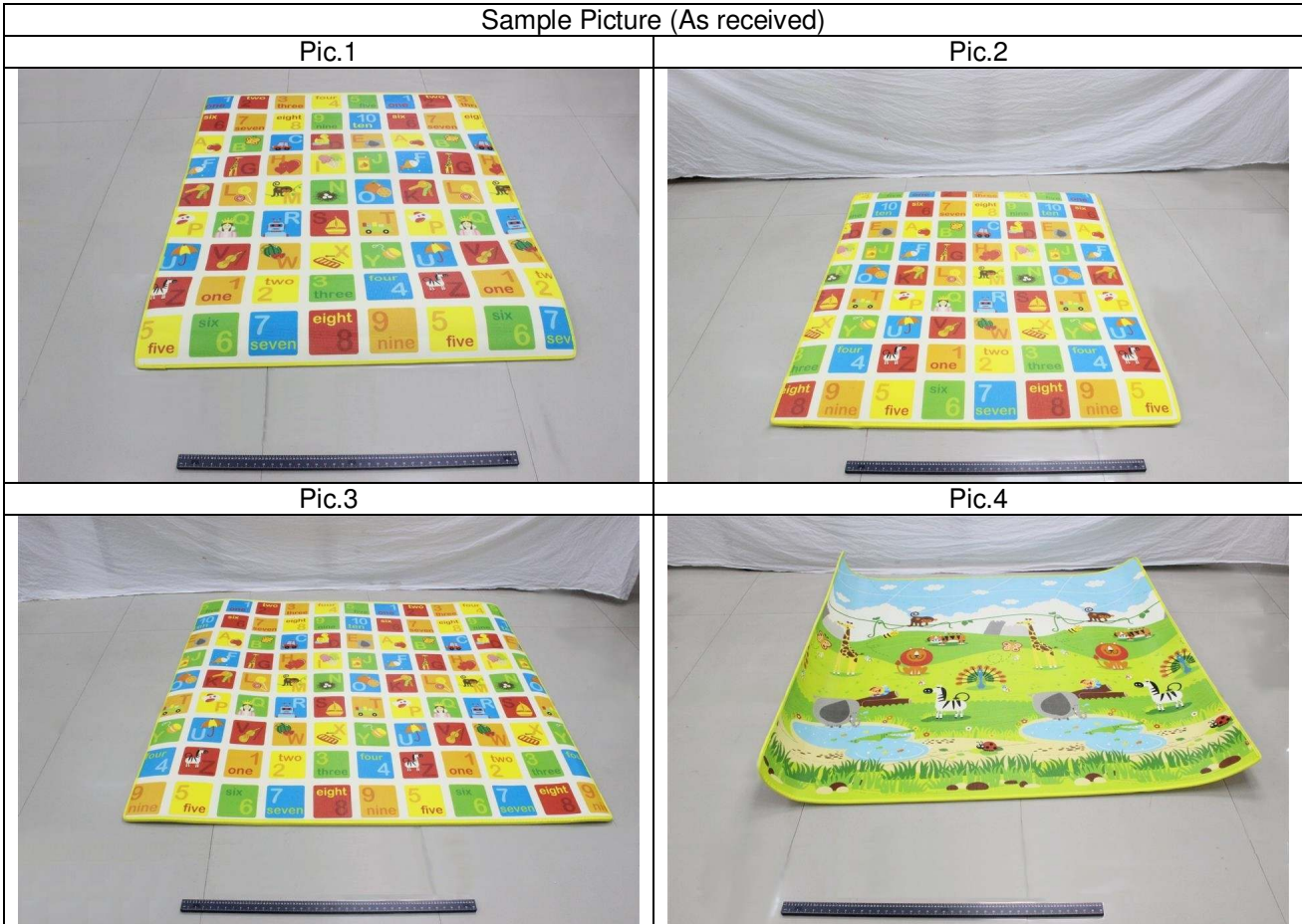
- Note:
- ppm = parts per million
  - ND = Not Detected (lower than MDL)
  - MDL = Method Detection Limit = 10 ppm
  - 1% = 10000 mg/kg = 10000 ppm

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



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