

Test Report No. : Q00037347a 001

Page 1 of 10

Client: ENDLESS GAMES INC

920 Highway 33, Building 7, Unit 5, Freehold, NJ 07728

Test Item(s): Toys

**Identification/
Model No(s):** SLIDE 5 Card Game
Item No.: 840

Sample Receiving date: 05 Jul 2010

Delivery condition: Apparent good, Samples tested as received

Test Specification:

- | | | |
|---|--|------|
| 1 | ASTM F963-08: Mechanical & physical | PASS |
| 2 | ASTM F963-08: Flammability on solids and soft toys | PASS |
| 3 | ASTM F963-08 Sect. 4.3.5.1, CPSIA Sect 101: Total lead content in paint and coating materials | PASS |
| 4 | ASTM F963-08 Sect 4.3.5.2: Soluble heavy metals | PASS |
| 5 | CPSIA Sect 108 : Phthalates | PASS |
| 6 | CPSIA Sect 103: Tracking label | PASS |
| 7 | Toxic in Packaging Clearinghouse (TPCH) - Model Toxics in Packaging Legislation as revised by Dec 2008, "formerly governed organization - CONEG" | PASS |

Test Result:

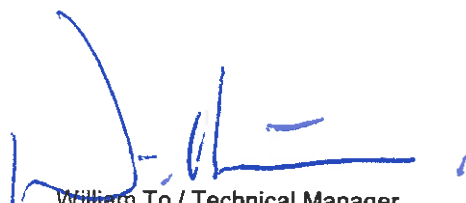
Other Information:

Country of Origin: China
Country of Destination: USA

The provided age grade of the item(s) : For age 8+
The appropriate age grade of the item(s) : For age 8 years and up
The item(s) was/ were tested for the age of over 8 years.

**For and on behalf of
TÜV Rheinland (Hong Kong) Ltd.**

20 Jul 2010
Date



William To / Technical Manager
Name / Position

*Test result is drawn according to the kind and extent of tests performed.
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*



Test Report No. : Q00037347a 001

Page 2 of 10

Material ListItem: SLIDE 5 Card Game
Item No.: 840

Material No.	Material	Color	Location
M001	Whole Product	Multi-color	Whole product
M002	Coating	Multi-color	Playing card
M003	Coating	Multi-color	Box
M004	Plastic	Transparent	Wrapper (packaging)
M005	Paper	White	White paper card (Packaging)



Test Report No. : Q00037347a 001
Page 3 of 10
1. ASTM F963-08 Physical & Mechanical tests

Testing Period: 06 Jul. 2010 - 13 Jul. 2010

4. Safety requirements	
4.1 Material Quality (visual check)	PASS
5. Labeling requirements	
5.2 Age grading labeling	PASS
5.16 Promotional materials	PASS
6. Instructional literature	
6.1 Definition and description	PASS
7. Producer's markings	
7.1 Name and address of the producer or the distributor	PASS



Test Report No. : Q00037347a 001

Page 4 of 10

2. ASTM F963-08: Flammability on solids and soft toys

Testing Period: 06 Jul. 2010 - 13 Jul. 2010

4.2 Flammability on solids and soft toys	PASS
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The burning rate of the most severe part = IBE

Note: Maximum permissible burning rate = 0.1 Inch/sec.

Abbreviation: IBE denotes Ignite But Self-extinguish



Test Report No. : Q00037347a 001

Page 5 of 10

3. ASTM F963-08 Sect. 4.3.5.1 and CPSIA Sect 101: Total lead content in Paint and coating materials

Testing Period: 06 Jul. 2010 - 09 Jul. 2010

ASTM F963-08 Sect 4.3.5.1	Total lead content in paint and coating materials	PASS
CPSIA Sect 101	Total lead content in paint and coating materials	PASS

Test method: Sample was digested with acid and the toxic elements were analysed by Inductively coupled plasma - Optical emission spectrophotometer or Atomic Absorption Spectrophotometer. (QMA 36.035.05 HKG - Hot plate method, With ref. to EPA 3050B, Microwave assisted digestion method, CPSC-CH-E1001-08 microwave method, CPSC-CH-E1002-08 and CPSC-CH-E1003-09)

Test result:

Test No.	Material No.	Lead content (ppm)
		MDL : 10 ppm
T001	M002	n.d.
T002	M003	n.d.

Abbreviation: n.d. = Not Detected (< MDL)
 MDL = Method Detection Limit
 ppm denotes parts per million

Requirement according to Consumer Product Safety Improvement Act 2008, section 101, is summarized below:

Effective Date	<u>Maximum Permissible Limit</u> Lead in paint and similar surface coating
1 year after enactment/ 14 Aug 2009	90 ppm



Test Report No. : Q00037347a 001

Page 6 of 10

4. ASTM F963-08 Cl.4.3.5.2 : Soluble Heavy Metals

Testing Period: 06 Jul. 2010 - 07 Jul. 2010

ASTM F963-08 Sect 4.3.5.2	Soluble heavy metals	PASS
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Test method: Determination of heavy metal on paint and similar surface coating material according to ASTM F963-08 (QMA 36.035.25 HKG)

This requirement applies to the coating which can be scraped off and the sample weight is greater than 10 mg

Test result:

Test No.	Material No.	[mg/kg]							
		Sb	As	Ba	Cd	Cr	Pb	Hg	Se
		Maximum Permissible Limit							
		60	25	1000	75	60	90	60	500
		MDL							
		2.5	2.5	2.5	2.5	2.5	2.5	2.5	2.5
T001	M002	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.	n.d.
T002	M003	n.d.	n.d.	71.4	n.d.	n.d.	n.d.	n.d.	n.d.

 Abbreviation: n.d. = Not Detected (< MDL)
 MDL = Method Detection Limit
 mg/kg denotes milligram per kilogram


Test Report No. : Q00037347a 001

Page 7 of 10

5. CPSIA Sect 108 : Phthalates

Testing Period: 06 Jul. 2010 - 08 Jul. 2010

CPSIA Sect 108	Phthalates	PASS
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Test Method: Organic solvent extraction, analyzed by GCMS (QMA 36.035.13 HKG)

Test Result:

		Test No.	T001	T002
		Material No.	M002	M003
Parameter	MDL	Unit	Result	Result
Dibutyl phthalate (DBP)	0.005	%	n.d.	n.d.
Benzylbutyl phthalate (BBP)	0.005	%	n.d.	n.d.
Diethylhexyl phthalate (DEHP)	0.005	%	n.d.	n.d.
Di-n-octyl phthalate (DNOP)	0.005	%	n.d.	n.d.
Diisodecyl phthalate (DIDP)	0.005	%	n.d.	n.d.
Diisononyl phthalate (DINP)	0.005	%	n.d.	n.d.

Abbreviation n.d. = Not Detected (< MDL)
 MDL = Method Detection Limit
 % denotes percentage

Requirement according to Consumer Product Safety Improvement Act 2008, section 108, is summarized below:

Date of Implementation	Parameter	Unit	Maximum Permissible Limit
180 days after the date of enactment/10 Feb 2009	Any children's toy or childcare article:		
	Dibutyl phthalate (DBP), Benzylbutyl phthalate (BBP) or Diethylhexyl phthalate (DEHP)	%	0.1
	Any children's toy that can be placed in a child's mouth or childcare article:		
	Di-n-octyl phthalate (DNOP), Diisodecyl phthalate (DIDP) or Diisononyl phthalate (DINP)	%	0.1



Test Report No. : Q00037347a 001

Page 8 of 10

#6. CPSIA Sect 103: Tracking label

Testing Period: 06 Jul. 2010 - 13 Jul. 2010

Tracking Label	PASS(*)
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Remark:

* Although no final packaging has been received, the manufacturer/trader/applicant has confirmed that the above information marked (*) will be shown onto the packaging or instruction sheet and the toy itself.

The test is not covered by DAP accreditation.



Test Report No. : Q00037347a 001

Page 9 of 10

#7. Packaging Waste

Test Method: Sample was digested with acid and the toxic elements were analyzed by ICP-OES (QMA 36.035.55HKG)
For Cr (VI) - IEC 62321 Ed.,1, 2008 (QMA 36.035.12HKG)

Testing Period: 06 Jul. 2010 - 09 Jul. 2010

Test Result:

Test No.	Material No.	Heavy metal content (mg/kg)				
		MDL (mg/kg)				
		10	10	10	10	10
		Pb	Cd	Cr [^]	Cr(VI)	Hg
T001	M004	n.d.	n.d.	n.d.	-	n.d.
T002	M005	n.d.	n.d.	n.d.	-	n.d.

Abbreviation: n.d. = Not Detected (< MDL)
MDL = Method Detection Limit
Pass denotes the sum of 4 elements is less than or equal to 100 mg/kg.
Fail denotes the sum of 4 elements is over 100 mg/kg.
Uncertain denotes the sum of 4 elements fell into the uncertainty range.
mg/kg denotes milligram per kilogram

Remark:

*1 According to the US Toxic in Packaging Clearinghouse (TPCH) - Model Toxics in Packaging Legislation, revised as Dec 2008; the maximum permissible limit of the sum of the concentration of Lead, Cadmium, Mercury and Hexavalent Chromium is 100ppm. For recycled materials, the maximum permissible limit for the 4 regulated metals is 200ppm.

^ Screening of total chromium is performed. If the result is in the inconclusive region, chromium VI content will be confirmed by IEC 62321, Ed 1: 2008 Annex.

The test is not covered by DAP accreditation.

Testing Laboratory accredited by DAP according to DIN EN ISO/IEC 17025. The accreditation is valid for the test methods stated in the certificate.



Test Report No. : Q00037347a 001

Page 10 of 10

Sample photo:



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