

Test Report

Number: GZHH00486340

Applicant: HUNAN SPLENDID CULTURE CO.,LTD
1202 ROOM.C1 MANSION.LUGU YUYUAN 27,
WENXUAN ROAD,CHANGSHA .HIGH-TECH
DISTRICT,HUNAN,CHINA

Date: Mar 30, 2023

Sample Description:

Two (2) sets of submitted sample said to be :

Item Name : **Cubo Sticky Schedules**
Item No. : 1
Labelled Age Group : "age 3+"
Applicant Specified Age : Over 3 Years
Grading for Testing :
Packaging Provided by Applicant : Yes
Buyer : Cubo Toys Private Limited
Manufacturer : Hunan Splendid Culture Co.,Ltd
Country of Destination : US
Country of Origin : China
Date Sample Received : Mar 23, 2023
Testing Period : Mar 23, 2023 ~ Mar 30, 2023



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued



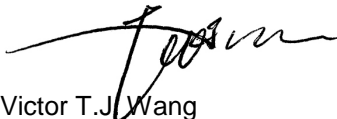
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Conclusion:

<u>Tested sample</u>	<u>Standard/Testing Item</u>	<u>Result</u>
Submitted sample sets	U.S. ASTM F963-17 on Physical and mechanical tests	Pass
	U.S. ASTM F963-17 on Flammability test of materials other than textile materials	Pass
Tested component(s) of submitted sample sets	U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	U.S. ASTM F963-17 on soluble heavy elements test	Pass
Submitted sample sets	U.S. ASTM F963-17 on total Lead content in surface coating	Not Applicable
Tested component(s) of submitted sample sets	U.S. ASTM F963-17 on total Lead content in non-surface coating	Pass
Submitted sample sets	U.S. CFR Title 16 Part 1303 total Lead content	Not Applicable
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Not Applicable
Tested component(s) of submitted sample sets	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass

Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines



Victor T.J. Wang
Assistant General Manager



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Tests Conducted

1 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-17

The submitted samples were undergone the use and abuse tests in accordance with The Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations :

Test	FHSA	Parameter
Impact test	Section 1500.53(b)	4 X 3 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Impact test for magnet	Section 8.25.4.6	1 kg
Compression test	Section 1500.53(g)	30 lbf

Section	Testing Items	Assessment
4.1	Material quality (visual check on cleanliness)	P
4.3.7	Stuffing materials	NA
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	P
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices (such as helmets, hats and goggles)	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA



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Section	Testing Items	Assessment
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	YoYo elastic tether toys	NA
4.38	Magnets	P
4.39	Jaw entrapment in handles and steering wheels	NA
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings	
7.1	- Name of producer/distributor (Toy and Package)	Yes
	- Address (Package)	Yes
7.3	Toy chests	NA
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Remark : The submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass NA = Not Applicable

2 Flammability test

As per section 4.2 of the ASTM standard consumer safety specification on toy safety F963-17, the samples were tested according to Annex A5 Flammability testing procedure for solids and soft toys

Result : Ignited but self-extinguished before burn rate could be determined



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3 Phthalate Content (U.S. 16 CFR Part 1307)

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		1+2+3	4	5	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	-	-	%	0.01	0.1

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to US 16 CFR Part 1307 for Prohibition of Children’s Toys and Child Care Articles Containing Specified Phthalates.

Tested Components: See component list in the last section of this report.



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4 Heavy Elements Analysis

With reference to Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Non-modelling clay

Test Item	Result					Units	D.L.	Limit
	1	2	3	4	5			
Barium (Ba)	7.6	ND	ND	8.8	ND	mg/kg	5	1000
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	5	90
Cadmium (Cd)	ND	ND	ND	ND	ND	mg/kg	5	75
Antimony (Sb)	ND	ND	ND	ND	ND	mg/kg	5	60
Selenium (Se)	ND	ND	ND	ND	ND	mg/kg	5	500
Chromium (Cr)	ND	ND	ND	ND	ND	mg/kg	5	60
Mercury (Hg)	ND	ND	ND	ND	ND	mg/kg	5	60
Arsenic (As)	ND	ND	ND	ND	ND	mg/kg	2.5	25

Remarks:

D.L. = Detection Limit

ND = Not detected

The analytical results were adjusted by subtracting analytical correction factor.

Tested Components: See component list in the last section of this report.

5 Total Lead (Pb) Content in Surface Coating (U.S. ASTM F963-17)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope for surface coating was not applicable to the submitted sample (s).



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6 Total Lead (Pb) Content in Non-Surface Coating (U.S. ASTM F963-17)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1+2+3	4	5	-	-			
Lead (Pb)	ND	ND	ND	-	-	mg/kg	10	100

Remarks:
D.L. = Detection Limit
ND = Not detected

Tested Components: See component list in the last section of this report.

7 Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

With reference to Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope of 16 CFR 1303 was not applicable to the submitted sample(s).

8 Total Lead (Pb) Content in Surface Coating (U.S. 16 CFR Part 1303 and CPSIA Section 101)

With reference to Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope was not applicable to the submitted sample(s).



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9 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate) (U.S. CPSIA Section 101)

With reference to Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1+2+3	4	5	-	-			
Lead (Pb)	ND	ND	ND	-	-	mg/kg	10	100

Remarks:

D.L. = Detection Limit

The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in Non-surface coating materials.

mg/kg = parts per million = ppm

ND = Not detected

Tested Components: See component list in the last section of this report.

Component List

No.	Test Component Description(s)
(1)	White/brown paper board with transparent plastic film and inaccessible multicolor coatings (all magnetic patches).
(2)	White paper card with transparent plastic film and inaccessible multicolor coatings (all guide cards).
(3)	White paper sheet with transparent plastic film and inaccessible multicolor coatings and glue (body, pad of color box).
(4)	Black magnetic plastic (bottom of all magnetic patches).
(5)	White elastic band (fastener of color box).

End of report

The statements of conformity reported have considered the decision rule agreed, namely that Intertek have taken account of measurement uncertainty as calculated by Intertek, and applied according to ILAC-G8/09:2019 (Non-binary acceptance based on guard band w = U) except designation from the customer, regulation or test specification. This decision rule only applies to the numeric test results.

The sample(s) and sample information hereto are provided by the client who shall be solely responsible for the authenticity and integrity thereof. The results shown in this report relate only to the sample(s) tested. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct. This report shall not be reproduced unless with prior written approval from Intertek Testing Services Shenzhen Limited, Guangzhou Branch. The testing data and result issued by this report are just for scientific research, teaching, internal quality control, product research and development etc. on reference only in the territory of the People's Republic of China.

