

Test Report

No.: DPI211200721CP

Date: Jan 04, 2022

Page 1 of 15

Customer : Teacher Created Resources
12621 Western Ave Garden Grove, CA 92841

Application No. : DIR328835

Sample No. : DPIS147299

Item Name : Better Than Paper Bulletin Board Rolls

Item No. : TCR 77366

Package : Yes

Labeled Age Grading : Not specified

Requested Age Grading : Over 6 years

Age Grading Assessed As Per Age Guideline : Over 6 years

Age Grading Applied In Testing : Over 6 years

Buyer : T132-L Teacher Created Resource

Country Of Destination : USA & Canada

Sample Received Date : Dec 28, 2021

Test Period : Dec 28, 2021 To Dec 31, 2021

*****For Further Details, Please Refer to the Following Page(s)*****

SIGNED FOR AND ON BEHALF OF
DPI LABORATORY



FANNY LAU
LABORATORY MANAGER

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TEST REQUEST	RESULT
A) U.S. CFR TITLE 16 (CPSC REGULATIONS) PART 1500.50 TEST METHODS FOR SIMULATING USE AND ABUSE OF TOYS AND OTHER ARTICLES INTENDED FOR USE BY CHILDREN.	PASS
B) U.S. CFR TITLE 16 (CPSC REGULATIONS) PART 1500.44 METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS.	PASS
C) CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS SOR/2011-17 FOR PHYSICAL AND MECHANICAL TEST	PASS
D) CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS SOR/2011-17 FOR FLAMMABILITY TEST.	PASS
E) US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008(H.R.4040) TITLE I, SEC 108 AND 16 C.F.R PART 1307.	PASS
F) AS SPECIFIED BY CLIENT, TO DETERMINE CERTAIN PHTHALATES CONTENT ON SUBMITTED SAMPLE(S) WITH REFFER TO US CALIFORNIA PROPOSITION 65 (COUNTY OF ALAMEDA CASE NO.BG-07350969) AND CALIFORNIA AB1108 REQUIREMENT.	PASS
G) U.S. CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008 (H.R.4040), TITLE I, SECTION 101 & AMENDMENT H.R.2715 REQUIREMENT FOR TOTAL LEAD CONTENT IN SUBSTRATE.	PASS
H) THE TOTAL LEAD CONTENT TEST ACCORDING TO CLIENT'S SPECIFICATION WITH REFERENCE TO CALIFORNIA PROPOSITION 65.	PASS
I) TO DETERMINE THE PHTHALATE CONTENT IN ACCORDANCE WITH THE CANADA COMSUMER PRODUCT SAFETY ACT PHTHALATES REGULATIONS(SOR/2016-188 OF JUNE 2016)ON PHTHALATE CONTENT.	PASS
J) TO DETERMINE LEAD, CADMIUM, MERCURY AND HEXAVALENT CHROMIUM CONTENT IN THE SUBMITTED SAMPLE IN ACCORDANCE WITH US MODEL TOXICS IN PACKAGING LEGISLATION (TPCH: TOXICS IN PACKAGING CLEARING HOUSE) (FORMERLY DRAFTED BY CONEG).	PASS

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A) AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1500.50 TEST METHODS FOR SIMULATING USE AND ABUSE OF TOYS AND OTHER ARTICLES INTENDED FOR USE BY CHILDREN.

Applicant's specified age group for testing: Over 6 years.

	No. of samples tested	Sharp point (1500.48)	Sharp edge (1500.49)	Small part (1501)
As received	1	P	P	NA
Impact (1500.53(b))	1	P	P	NA
Bite (1500.53(c))	0	NA	NA	NA
Flexure (1500.53(d))	0	NA	NA	NA
Torque (1500.53(e))	1	P	P	NA
Tension (1500.53(f))	1	P	P	NA
Compression (1500.53(g))	0	NA	NA	NA

Remark: P = Pass

NA = Not Applicable

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B) AS PER U.S. CODE OF FEDERAL REGULATIONS TITLE 16 PART 1500.44 METHOD FOR DETERMINING EXTREMELY FLAMMABLE AND FLAMMABLE SOLIDS.

<u>Sample</u>	<u>Burning rate (inch/sec.)</u>	<u>Limit (inch/sec.)</u>
Better Than Paper Bulletin Board Rolls	0.1* (IBE)	0.1

IBE = Ignite but self-extinguished.

* = Burning rate has been rounded to the nearest one tenth of an inch per second.

Note: The submitted toy sample and its accessories were tested, the above result only showed the most severe burn rate of the samples.

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C) AS PER CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS, SOR/2011-17, PHYSICAL AND MECHANICAL TEST.

The submitted samples were undergone the use and abuse tests in accordance with the Canada consumer product safety act toys regulations SOR/2011-17:	
Test	Parameter
Drop	4 drops × 0.909m
Pull/Push	42.5N

<u>Section</u>	<u>Description</u>	<u>Result</u>
3	General – official languages	NA
4	Packaging – flexible film bags	NA
	Electrical hazards	
5	Electrically operated toys [#]	NA
6	Electrically heated toys [#]	NA
	Mechanical hazards	
7	Small parts	NA
8	Metal edges	NA
9	Wire frames	NA
10	Plastic edges	P
11	Wood	NA
12	Glass	NA
13	Fasteners	NA
14	Safety stops or locking devices	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Enclosures	NA
18	Stability	NA
	Auditory hazards	
19	Decibel limit [#]	NA
	Thermal and flammability hazards	

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Test Report

No.: DPI211200721CP

Date: Jan 04, 2022

Page 6 of 15

20	Heated surfaces, parts or substances# Dolls, plush toys and soft toys	NA
28	Fastenings	NA
29	Stuffing	NA
30	Small parts	NA
31	Eyes and noses#	NA
35	Plant seeds - noise	NA
36	Plant seeds - stuffing materials	NA
37	Pull and push toys - shaft-like handles	NA
38	Toy steam engines - boilers – safety valves#	NA
39	Finger paints - water-based paints	NA
40	Rattles - construction	NA
41	Elastics - length or extensibility	NA
42	Yo-yo type balls - stretchable cords#	NA
43	Magnetic force	NA

Remark: P = Pass

NA = Not Applicable

= Not included in the latest accreditation scope

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D) AS PER CANADA CONSUMER PRODUCT SAFETY ACT TOYS REGULATIONS, SOR/2011-17, FLAMMABILITY TEST.

<u>Section</u>	<u>Description</u>	<u>RESULT</u>
	Thermal and flammability hazards	
21	Celluloid or cellulose nitrate	P
32	Flammability of outer covering	NA
33	Flammability of yarn	NA
34	Flammability of hair or mane	NA

Remark: P = PASS

NA = Not Applicable

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E) Phthalate Content Test

As per Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4 was used and phthalate content was determined by Gas Chromatography / Mass Spectrometry (GC-MS).

Toys and childcare articles:

Test Item(s)	Result (% w/w)		Permissible Limit (% w/w)
	1	2	
Dibutyl Phthalate (DBP)	ND	ND	0.1
Benzylbutyl Phthalate (BBP)	ND	ND	0.1
Di-(2-ethylhexyl)Phthalate(DEHP)	ND	ND	0.1
Diisononyl Phthalate (DINP)	ND	ND	0.1
Di-n-hexyl Phthalate (DNHP/DHEXP)	ND	ND	0.1
Diisobutyl Phthalate(DIBP)	ND	ND	0.1
Di-n-pentyl Phthalate(DPENP)	ND	ND	0.1
Dicyclohexyl Phthalate(DCHP)	ND	ND	0.1

REMARK: THE ABOVE LIMIT WAS QUOTED ACCORDING TO US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT 2008(H.R.4040) TITLE I, SEC 108 AND 16 C.F.R PART 1307.

Specimen Description:

1. Transparent plastic film w/laminated coating
2. Non - woven fabric w/coating

- Note:
1. 0.1% = 1000ppm
 2. ND = Not Detected (lower than MDL)
 3. Method Detection Limit (MDL) for each phthalate=0.01%.
 4. % = percentage by weight

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F) US California Proposition 65 (County Of Alameda Case No.BG-07350969) and AB1108 - DBP,BBP,DEHP,DNOP,DINP,DIDP and DnHP Content

Test Method: With reference to the test method CPSC-CH-C1001-09.4 and phthalate content was determined by Gas Chromatography / Mass Spectrometry (GC-MS).

Test Item(s)	Result (% w/w)		MDL(% w/w)	Limit(% w/w)
	1	2		
Dibutyl Phthalate (DBP)	ND	ND	0.01	0.1
Benzylbutyl Phthalate (BBP)	ND	ND	0.01	0.1
Di-(2-ethylhexyl)Phthalate(DEHP)	ND	ND	0.01	0.1
Di-n-octyl Phthalate (DNOP)	ND	ND	0.01	0.1
Diisononyl Phthalate (DINP)	ND	ND	0.01	0.1
Diisodecyl Phthalate (DIDP)	ND	ND	0.01	0.1
Di-n-hexyl Phthalate (DnHP)	ND	ND	0.01	0.1

Specimen Description:

1. Transparent plastic film w/laminated coating
2. Non - woven fabric w/coating

Note: 1. ND = Not Detected (lower than MDL)

2. MDL=Method Detection Limit

3. % = Percentage by weight

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G) Total Lead (Pb) Content in Non-Surface Coating 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.

Total lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test Item(s)	Total Lead (Pb)
Limits (mg/kg)	100
MDL(mg/kg)	2
Specimen Description	Result (mg/kg)
1. Transparent plastic film w/laminated coating	ND
2. Non - woven fabric w/coating	ND

- Note: 1. mg/kg = part per million (ppm).
2. MDL = Method Detection Limit.
3. ND = Not Detected (lower than MDL).

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H) US California Proposition 65

Lead in Non-Surface Coating Materials and Metal component

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.

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

Test Item(s)	Total Lead (Pb)
Limits (mg/kg)	100*
MDL(mg/kg)	2
Specimen Description	Result (mg/kg)
1. Transparent plastic film w/laminated coating	ND
2. Non - woven fabric w/coating	ND

- Note: 1. mg/kg = part per million (ppm).
2. MDL = Method Detection Limit
3. *=reference to Superior Court of California-County of Alameda Case No. RG07356892
4. ND = Not Detected (lower than MDL)

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I) CANADA COMSUMER PRODUCT SAFETY ACT PHTHALATES REGULATIONS(SOR/2016-188 OF JUNE 2016)ON PHTHALATE CONTENT

Method: refer to CPSC-CH-C1001-09.4

Analysis was performed by Gas Chromatographic-Mass Spectrometric (GCMS).

Test Result: (Unit: mg/kg)

Test Item(s)		1	2	Limit
Dibutyl Phthalate	(DBP)	<100	<100	1000
Benzylbutyl Phthalate	(BBP)	<100	<100	1000
Di-(2-ethylhexyl) Phthalate	(DEHP)	<100	<100	1000
Di-"isononyl" Phthalate	(DINP)	<100	<100	1000
Di-n-octyl Phthalate	(DNOP)	<100	<100	1000
Di-"isodecyl" Phthalate	(DIDP)	<100	<100	1000

Specimen Description:

1. Transparent plastic film w/laminated coating
2. Non - woven fabric w/coating

Note: 1. < = less than

2. mg/kg = part per million (ppm).

3. Test which executed was according to client's requirement.

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J) US Model Toxics in Packaging Legislation (TPCH: Toxics in Packaging Clearing House) (formerly drafted by CONEG)

Non-metallic materials

Method: Lead(Pb) / Cadmium(Cd) /Mercury(Hg): Reference to EPA3050B; was analyzed by Inductively Coupled Plasma Optima Emission Spectrometer(ICP-OES)

Hexavalent Chromium (Cr (VI)): Reference to EPA3060A, was analyzed by Ultraviolet-visible spectrometer (UV-Vis)

Test Item(s)	Result (mg/kg)			Limit (mg/kg)
	1	2	3	
Cadmium (Cd)	<2	<2	<2	--
Hexavalent Chromium (Cr (VI))*	<20	<20	<20	--
Lead (Pb)	<2	<2	<2	--
Mercury (Hg)	<2	<2	<2	--
Total (Pb+Cd+Hg+Cr (VI))	<26	<26	<26	100

Test Item(s)	Result (mg/kg)		Limit (mg/kg)
	4	5	
Cadmium (Cd)	<2	<2	--
Hexavalent Chromium (Cr (VI))*	<20	<20	--
Lead (Pb)	7	<2	--
Mercury (Hg)	<2	<2	--
Total (Pb+Cd+Hg+Cr (VI))	7-31	<26	100

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Test Report

No.: DPI211200721CP

Date: Jan 04, 2022

Page 14 of 15

Specimen Description:

1. Transparent Plastic film
2. Transparent Plastic
3. Label paper w/plastic film w/laminated coating
4. Brown paper tube
5. Transparent adhesive plastic tape

Note: 1. < = Less than

2. mg/kg = part per million (ppm).

3. "--" = Not regulated

4. The results shown as independent data (if have) and all data (including less than data) are in the sum calculation.

5. *= total Chromium screening test first, test result is less than 20mg/kg, Hexavalent Chromium result is thought to be less than 20mg/kg. When total chromium test result over 20mg/kg, then alkaline extraction method will be further conducted.

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DPI Laboratory (Dongguan) Limited
Dongshan Industrial Area, Aobeiwei, Zhangmutou, Dongguan, Guangdong, China

Tel : (86-769)87712112 Fax : (86-769)87712480 Postcode: 523619

Sample Photo:



DPI authenticates the photo on original report only

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