

Test Report

Number: SHAH01645011

Applicant: FUJIAN SENDA FOREIGN TRADE CO.,LTD
22F ZHIDI PLAZA, NO.89
WUSI ROAD, FUZHOU, FUJIAN

Date: 27 Feb, 2024

Attn: ELAINE

Sample Description:

One (1) group of submitted sample said to be :

Item Name : Table and chairs - grey & white; Table and chairs - natural & white; Table with grey
lego board and stool; Table with blue lego board and stool; Storage unit - grey &
white
Item No. : 312-111V80GY; 312-111V80ND; 312-110V80WT;312-110V81WT; 311-068V80GY
Quantity : 5
Labelled Age Group : 3+
Packaging Provided By Applicant : No
Buyer : NINGBO AOSOM INTERNET TECHNOLOGY CO., LTD
Country Of Origin : China

Tests Conducted:

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

To be continued

Authorized By:
Intertek Testing Services Ltd. Zhejiang



Bobo Yao
Assistant General Manager



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Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted Samples	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 - Mechanical and Physical test	Pass
Submitted Samples	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 - Cellulose Nitrate and Celluloid	Pass
Submitted Samples	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34 for Flammability Test	Not Applicable
Tested components of submitted samples	Canada Consumer Products Containing Lead Regulations SOR/2018-83	Pass
Tested component of submitted sample	Canada Consumer Product Safety Act surface coating materials regulation SOR/2016-193 for total Mercury content on surface coating materials	Pass
Tested Components of Submitted Samples	Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and amendment SOR/2022-122 on toxic elements test	Pass
Tested component of submitted sample	Phthalates content requirement in Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188	Pass

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Tests Conducted

1. Physical and Mechanical Test

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138.

Applicant specified age group for testing: For ages 3 years and up

The submitted samples were undergone the use and abuse tests in accordance with Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138.

<u>Test</u>	<u>Parameter</u>
Tip over test #1	3 times
Pull test	42.5±2 N
Push test	42.5±2 N

No.	Testing Items	Assessment
3	General - English and French bilingual statement	NA
4	Packaging	
	(a) The opening perimeter is less than 14 inches	NA
	(b) The opening perimeter is more than 14 inches	NA
	<u>Electrical hazard</u>	
5	Electrically operated toys	NA
6	Electrically heated toys	NA
	<u>Mechanical hazard</u>	
7	Small parts	NA
8	Metal edges	P
9	Wire frames	NA
10	Plastic edges	P
11	Wooden surfaces, edges and corners	P
12	Glass	NA
13	Fasteners	P
14	Folding mechanism, bracket or bracing	NA
15	Spring-wound driving mechanisms	NA
16	Projectile components	NA
17	Toys which a child can enter and which can be closed by a lid or door	NA
18	Stationary toy that is intended to bear the weight of a child	P#2
	<u>Auditory hazards</u>	
19	Noise limit	NA
	<u>Thermal hazards</u>	
20	Heated surfaces, parts or substances	NA
	<u>Dolls, plush toys and soft toys</u>	
28	Fastenings to attach parts, clothing or ornamentation	NA
29	Stuffing materials	
	(a) Clean and free from vermin	NA
	(b) Free from hard and sharp foreign matter	NA
30	Small parts -Squeaker, reed, valve or other similar device	NA



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No.	Testing Items	Assessment
31	Eyes and noses	NA
	<u>Plant seeds</u>	
35	Plant seeds for making noise	NA
36	Plant seeds for stuffing material	NA
37	Shaft-like handle	NA
38	Toy steam engines boilers	NA
39	Finger paints	NA
40	Rattle	NA
41	Elastics	NA
42	Yo-yo type balls	
	(a) Stretchable cords	NA
	(b) Similar product	NA
43	Magnetic force	NA
44	Warning of magnetic toys	NA

Remark: P = Pass

NA = Not Applicable

#2 = The samples were tested for stability and overloading according to ISO 8124-1 section 5.12.1 to 5.12.5.

#1 = Due to the large size and heavy weight of the sample, the tip over test was conducted according to ISO 8124-1 section 5.24.3 instead of drop test.

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received: Dec 19 , 2023

Testing period: Dec 19 , 2023 to Jan 11, 2024

2.Cellulose Nitrate and Celluloid

Test Standard: Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 21 with amendments SOR/2016-195, SOR/2016-302.and SOR/2018-138

	<u>Assessment</u>	<u>Requirement</u>
Cellulose Nitrate/Celluloid	Absent	Absent

Comment:

The scope of the standard was not applicable to the submitted samples. Testing was conducted with reference to the test method and requirements as stated.

Date sample received: Dec 19 , 2023

Testing period: Dec 19 , 2023 to Jan 11, 2024

3.Flammability Test

As per Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 with Amendments SOR/2016-195, SOR/2016-302 and SOR/2018-138 Section 32 / 33 / 34.

Date sample received: Dec 19 , 2023

Testing period: Dec 19 , 2023 to Jan 11, 2024



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4.Total Lead (Pb) Content

As per methods C02.2, C02.3 and C02.4, acid digestion was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result (mg/kg)</u>	<u>Limit (mg/kg)</u>
(1+2)	ND	90
(3+4)	ND	90
(5)	ND	90

The above limit was quoted according to Canada Consumer Products Containing Lead Regulations SOR/2018-83.

Remark: Reporting Limit = 20 mg/kg
ND=Not Detected (Less than reporting limit)

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

Date sample received: Dec 19 , 2023
Testing period: Dec 19 , 2023 to Feb 22, 2024

5.Total Mercury (Hg) Content in Surface Coating

With reference to Canada Consumer Product Safety Act surface coating materials regulation SOR/2016-193, acid digestion method was used and total Mercury content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Test Component</u>	<u>Result in mg/kg</u>	<u>Limit(mg/kg)</u>
(1+2)	ND	10
(3+4)	ND	10

Remark: Detection Limit = 0.047 mg/kg
ND = Not detected

Tested components: see component list in the last section of this report.

Date sample received: Dec 19 , 2023
Testing period: Dec 19 , 2023 to Jan 04, 2024

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6.Toxic Elements Analysis (CCPSA SOR/2011-17 and Amendment SOR/2022-122)

With reference to Method C-02.2.1, C-07 published in Health Canada Product safety reference manual Book 5 - Laboratory Policies and Procedures Part B: Test Methods Section and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Plasma-mass Spectrometry and Inductively Coupled Argon Plasma Spectrometry.

Test Item	Result(mg/kg)				Reporting Limit (mg/kg)	Limit (mg/kg)
	(1)	(2)	(3)	(4)		
Tot. Lead (Pb)	ND	ND	ND	ND	20	90
Tot. Mercury (Hg)	ND	ND	ND	ND	0.047	10
Sol. Cadmium (Cd)	ND	ND	ND	ND	5	1000
Sol. Antimony (Sb)	ND	ND	ND	ND	5	1000
Sol. Selenium (Se)	ND	ND	ND	ND	5	1000
Sol. Arsenic (As)	ND	ND	ND	ND	2.5	1000
Sol. Barium (Ba)	ND	ND	ND	ND	5	1000

The above limit was quoted according to Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 23 and Amendment SOR/2022-122 for prohibition on toxic elements in stickers, films and surface coating materials.

Tot. = Total

Sol. = Soluble

ND = Not detected (less than reporting limit)

= The results were adjusted by subtracting analytical correction factor.

Tested Component(s): See component list in the last section of this report.

Date sample received: Dec 19 , 2023

Testing period: Dec 19 , 2023 to Jan 04, 2024

7.Phtalate Content Test

With reference to method CPSC-CH-C1001-09.3 and followed by solvent extraction and Gas Chromatography-Mass Spectrometry (GC-MS) analysis

Tested Compound	Result (mg/kg)			Limit(mg/kg) (Max.)
	(1+2)	(3+4)	(5)	
Di-butyl phthalate (DBP)	ND	ND	ND	1000
Di(2-ethyl hexyl) phthalate(DEHP)	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	ND	ND	ND	1000
Di-iso-nonyl phthalate (DINP)	ND	ND	ND	1000
Di-n-octyl phthalate (DNOP)	ND	ND	ND	1000
Di-iso-decyl phthalate (DIDP)	ND	ND	ND	1000

Remark: The above limit was quoted according to Canada Consumer Product Safety Act Phthalates Regulation SOR/2016-188 for phthalate content on toys and child care articles.

Detection Limit = 100mg/kg

ND = Not Detected



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

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Testing period: Dec 19 , 2023 to Feb 22, 2024

Tested components:

- (1) Grey coating on MDF (312-111V80GY)
- (2) Black coating on MDF (312-111V80GY)
- (3) White coating on wood (312-110V80WT)
- (4) Varnish on wood (311-068V80GY)
- (5) Blue plastic (312-110V80WT)



Picture 1: Submitted sample-312-111V80GY



Picture 2: Submitted sample-312-111V80ND



Picture 3: Submitted sample-312-110V80WT



Picture 4: Submitted sample-312-110V81WT

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Picture 5: Submitted sample-311-068V80GY

End of report

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