

Test Report

No.: 68.452.24.3960.01

Date: 2024-10-31



Applicant: Fujian Zhangping D-road Forestry Co.,Ltd
Address: Fushan Industry District,Zhangping City,Fujian,China,364400
Product Name: Sandpit 2115
Country of Origin: China
Receipt Date of Sample: 2024-09-18, 2024-10-15, 2024-10-21
Date of Testing: 2024-10-08 ~ 2024-10-31
Sample Submitted: The sample(s) was (were) submitted by applicant and identified.
Test Result: Refer to the data listed in following pages

Test Item	Conclusion
1. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Physical & Mechanical	Pass
2. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Flammability Section 21	Pass
3. Textile Flammability Regulations SOR/2016-194	Pass
4. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical	Pass
5. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials	Pass
6. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Textile Materials	Pass
7. ASTM F963-23 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)	Pass
8. ASTM F963-23 Section 4.3.5.1 & Section 4.3.5.2 - Soluble Heavy Elements	Pass
9. ASTM F963-23 Section 4.3.8 - Phthalates	Pass
10. 15 U.S.C. 1278a / CPSIA section 101(a)(2) - Total lead content (Substrate)	Pass
11. CPSIA, § 108, 16 CFR 1307- Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
12. Canada Consumer Products Containing Lead Regulations (SOR/2018-83) -Total Lead Content	Pass

Remarks: 1. MDL = Method Detection Limit
2. ND = Not Detected (<MDL)
3. <= Less than
4. 1 mg/kg = 1 ppm = 0.0001%
5. The test samples were specified by the client.

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Prepared by:

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Note:

- (1) The TÜV SÜD Certification and Testing (China) Co., Ltd. "General Terms & Conditions" applied.
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For further details, please see "Testing and certification regulation", chapter A-3.4
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- (2) The results relate only to the items tested.
- (3) The test report shall not be reproduced except in full without the written approval of the laboratory
- (4) If relevant standards do not specify decision rule(s), follow decision rule as below:
 - "Pass" means that the measured result is within the limits, even when extended by expanded uncertainty at a level of confidence of 95%.
 - "Fail" means that the measured result is beyond the limit, even when extended by expanded uncertainty at a level of confidence of 95%.

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Description of Tested Subject:

Sample	Description	Photo
A	Whole product	

T. No	Sample	Description
T1	001	Whole product (Sandpit 2115)
T2	002	Black non-woven fabric (Body)
T3	003	Bright blue plastic (Tray)
T4	004	Blue/ white plastic sheet (Covering)
T5	005	White fabric with blue thread (Elastic band)
T6	007	Iridescent metal (Screw A)

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Test Result(s):

1. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Physical & Mechanical

Sample	001
Labelled age range	3-7 years
Requested age range	3-7 years
Age range in testing	Over 2 years
Age Group Assessed As per Age Guideline	Over 2 years

Section	Requirement	Evaluation
4	Flexible film bags	P
7	Small parts	P
8	Metal edges	P
10	Plastic edges	P
11	Wood	P
13	Fasteners	P
18	Stability	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable sections were shown.

2. Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 + SOR/2018-138 - Flammability Section 21

Sample		001
Section	Requirement	Evaluation
21	Celluloid or cellulose nitrate	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable section was shown.

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3. Textile Flammability Regulations SOR/2016-194

Test with reference to Flame Resistance - 45°Angle Test - One Second Flame Impingement

Sample 001	
Fabric Surface: Smooth	
Preliminary Testing: Face: width	
ORIGINAL	
BURN CODE	
1.	DNI
2.	DNI
3.	DNI
4.	DNI
5.	DNI
Average: DNI For #5 Specimens	

Sample 001	
Fabric Surface: Smooth	
Preliminary Testing: Face: Length	
ORIGINAL	
BURN CODE	
1.	DNI
2.	DNI
3.	DNI
4.	DNI
5.	DNI
Average: DNI For #5 Specimens	

Remarks:

1. Burn code:

BB= Base Burn; The base of a specimen having a raised fibre surface is ignited or fused to a point where the damage is apparent from the underside of the specimen.

DNI = Did Not Ignite; The specimen is not ignited by the standard 1 s flame impingement.

IBE= Ignited But Extinguished; The specimen ignites but the flame extinguishes before reaching the stop-cord.

SB = Surface Burn; Surface fibres of a specimen having a raised fibre surface are burned; flaming spreads slower than the timed surface flash. The stop-cord is severed and a flame spread time is recorded. No base burn occurs.

SBBB = Surface Burn, Base Burn; Surface fibres of a specimen having a raised fibre surface are burned and then base burn occurs. The stop-cord is severed and a flame spread time is recorded.

SF = Surface Flash; Surface fibres of a specimen having a raised fibre surface are burned rapidly. The stop-cord is not severed and no flame spread time is recorded. No base burn occurs.

TSF = Timed Surface Flash; Surface fibres of a specimen having a raised fibre surface are burned rapidly (S 4 s). The stop-cord is severed and a flame spread time is recorded. No base burn occurs.

TSFBB = Timed Surface Flash, Base Burn; Surface fibres of a specimen having a raised fibre surface are burned rapidly (S 4 s). The stop-cord is severed and a flame spread time is recorded. The specimen continues to burn, eventually causing base burn.

2. A textile suspected of having a flame retardant treatment as evidenced by slow burning, difficulty of

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ignition,extinguishment, etc.,shall be tested after laundering and dry cleaning in accordance with CAN/CGSB-4.2 No.30.3.

3. If any of the below is recorded, test an additional five specimens: (a) does not ignite, (b) self-extinguishes before the flame reaches the stop cord or otherwise fails to burn the stop thread, or (c) burns too rapidly for any specified requirements.

4. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Physical and Mechanical

Sample	001
Labelled age range	3-7 years
Requested age range	3-7 years
Age range in testing	Over 2 years
Age Group Assessed As per Age Guideline	Over 2 years

Clause	Requirement	Evaluation
4	Safety Requirements	--
4.1	Material Quality	P
4.6	Small Objects	P
4.7	Accessible Edges	P
4.9	Accessible Points	P
4.11	Nails and Fasteners	P
4.13	Folding Mechanisms and Hinges	P
4.15	Stability and Over-load Requirements	P
5	Labeling Requirements	--
5.1.2	Tracking Label	P
5.2	Age Grading Labeling	P
5.3	Safety Labeling Requirements	P
5.8	Toys Intended to be Assembled By an Adult	P
5.15	Promotional Materials	P
6	Instructional Literature	--
6.1	Definition and Description	P
6.4	Toys Intended to be Assembled By an Adult	P
7	Producer's Markings	--
7.1	Name and Address of the Producer or Distributor	P

Abbreviation:

P = Pass, F = Fail, NA = Not Applicable, NR = Not Requested.

Note:

Only applicable sections were shown.

5. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Materials Other Than Textile Materials

As per Section 4.2 of ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

Sample: 001

Result: Did Not Ignite

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6. ASTM F963-23 Standard Consumer Safety Specification for Toy Safety - Flammability Test of Textile Materials

As per Section 4.2 of ASTM F963-23 Standard Consumer Safety Specification for Toy Safety

Sample: 001

Result: Did Not Ignite

7. ASTM F963-23 Section 4.3.5.2 - Total Lead Content Test (Substrate Materials)

Test with reference to CPSC-CH-E1001-08.3:2012 or CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002	mg/kg	10.0	100	ND	Pass
003+004	mg/kg	10.0	100	ND	Pass
007	mg/kg	10.0	100	ND	Pass

8. ASTM F963-23 Section 4.3.5.1 & Section 4.3.5.2 - Soluble Heavy Elements

Test with reference to ASTM F963-23 Section 8.3, determination by ICP-MS.

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			002	003
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

Parameter	MDL [mg/kg]	Limit [mg/kg]	Result(s) [mg/kg]	
			004	005
Soluble Antimony (Sb)	5.0	60	ND	ND
Soluble Arsenic (As)	2.5	25	ND	ND
Soluble Barium (Ba)	5.0	1000	ND	ND
Soluble Cadmium (Cd)	5.0	75	ND	ND
Soluble Chromium (Cr)	5.0	60	ND	ND
Soluble Lead (Pb)	5.0	90	ND	ND
Soluble Mercury (Hg)	5.0	60	ND	ND
Soluble Selenium (Se)	5.0	500	ND	ND
Conclusion			Pass	Pass

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Remark: 1. Adjusted analytical result.

9. ASTM F963-23 Section 4.3.8 - Phthalates

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					002	003+004
Dibutyl phthalate (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

10. 15 U.S.C. 1278a / CPSIA section 101(a)(2) - Total lead content (Substrate)

Test with reference to CPSC-CH-E1001-08.3:2012 or CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002	mg/kg	10.0	100	ND	Pass
003+004	mg/kg	10.0	100	ND	Pass
007	mg/kg	10.0	100	ND	Pass

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11. CPSIA, § 108, 16 CFR 1307- Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates

Test with reference to in-house method, determination by GC-MS.

Parameter	CAS No.	Unit	MDL	Limit	Result(s)	
					002	003+004
Dibutyl phthalate, (DBP)	84-74-2	%	0.005	0.1	ND	ND
Benzyl butyl phthalate, (BBP)	85-68-7	%	0.005	0.1	ND	ND
Bis (2-ethylhexyl) phthalate, (DEHP)	117-81-7	%	0.005	0.1	ND	ND
Di-isononyl phthalate, (DINP)	28553-12-0 /68515-48-0	%	0.005	0.1	ND	ND
Diisobutylphthalate, (DIBP)	84-69-5	%	0.005	0.1	ND	ND
Dipentyl phthalate (DPP)	131-18-0	%	0.005	0.1	ND	ND
Di-n-hexyl phthalate (DHP)	84-75-3	%	0.005	0.1	ND	ND
Dicyclohexyl phthalate (DCHP)	84-61-7	%	0.005	0.1	ND	ND
Conclusion					Pass	Pass

12. Canada Consumer Products Containing Lead Regulations (SOR/2018-83) -Total Lead Content

Test with reference to CPSC-CH-E1001-08.3:2012 or CPSC-CH-E1002-08.3:2012, determination by ICP-OES.

Sample	Unit	MDL	Limit	Result(s)	Conclusion
002	mg/kg	10.0	90	ND	Pass
003+004	mg/kg	10.0	90	ND	Pass
007	mg/kg	10.0	90	ND	Pass

-End of Test Report-

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