

**Test Report**

Number: SHAH01678348

Applicant: PERMA PRODUCTS USA INC  
8961 CONFERENCE DRIVE,  
SUITE 1,FORT MYERS, FL 33919  
Attn: YOLANDA GUO

Date: 07 May, 2024

**Sample Description:**

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

Item Name : Standard Tall & Wide (41"x71") Retractable Gates  
Item No. : 3122, 3123, 3124  
Labelled Age Group : 18 MONTHS  
Manufacturer : Zhejiang Dayang Leisure Products Manufacture CO.,LTD.  
Buyer : PERMA PRODUCTS USA INC  
Country Of Origin : China  
Date Sample Received : 15 Apr, 2024  
Testing Period : 15 Apr, 2024 To 07 May, 2024

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**Tests Conducted:**

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

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To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai



Bill Zhang  
General Manager



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**Conclusion:**

<u>Tested sample</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	ASTM F 1004-23 Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures	Pass
	16 CFR 1239 Safety Standard for Gates and Enclosures	Pass
	U.S. CFR title 16 (CPSC regulations) part 1130-requirements for consumer registration of durable infant or toddler products	Pass
	U.S. CFR title 16 (CPSC regulations) part 1500.3(c)(6)(vi) flammability test on rigid and pliable solids	Pass
	Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels for Children Products excluding permanency of tracking labels	Pass (See Remark)
Tested component(s) of submitted samples	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. CFR Title 16 Part 1303 total Lead content	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass

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To be continued

Authorized By:  
For Intertek Testing Services Ltd., Shanghai



Bill Zhang  
General Manager



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Tests Conducted

**1 EXPANSION GATES AND EXPANDABLE ENCLOSURES**

With reference to ASTM F1004-23 Standard Consumer Safety Specification for Expansion Gates and Expandable Enclosures, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

Initial inspection: no any damage was found

Executive summary:

Clause	Test items	Verdict
5	General Requirements	P
5.1	Wood Parts	NA
5.2	Screws	P
5.3	Sharp Points or Edges	P
5.4	Small Parts	P
5.5	Openings	P
5.6	Exposed Coil Springs	NA
5.7	Scissoring, Shearing, and Pinching	P
5.8	Labeling	P
5.9	Paint and surface coating	P
5.10	Protective Components	NA
6	Performance Requirements	P
6.1.1	Completely-Bounded Openings	P
6.1.2	Height of Sides	P
6.1.3	Vertical Strength	P
6.1.4	Bottom Spacing	P
6.1.5	Configuration of Uppermost Edge	P
6.2	Latching/Locking and Hinge Mechanisms	P
6.2.1	Pressure-Mounted Gates	NA
6.2.2	Units with Egress Panels	P
6.2.2.1	Automatic Closing Systems	NA
6.3	Horizontal Push-Out	P
6.4	Locking Device	P
6.5	Toys	NA
6.6	Slat Strength Test	NA
6.7	Pressure-Mounted Gate-Mounting Hardware	NA
6.8	Visual Side-pressure Indicators	NA
8	Marking and Labeling	P (Remark #1)
9	Instructional Literature	P (Remark #1)

Abbreviation: **P**=Pass; **NA**=Not Applicable; **F**=Fail; **NC** = Not Conducted; **NR** = Not Requested

**Remark:**

#1 The evaluation or testing related to packaging or labeling is based on the artwork submitted by the applicant rather than on the actual sample of packaging or labeling.

Part of the evaluation or testing need to perform the actual sample and was not conducted, those include: label permanency, letter height, the size and thickness of the registration card, the size of the blocks and the perforations for easy separation.



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**2 EXPANSION GATES AND EXPANDABLE ENCLOSURES**

With reference to 16 CFR 1239 Safety Standard for Gates and Enclosures, the submitted sample was subjected to the following tests:

Number of Sample Tested: One (1) Piece

Initial inspection: no any damage was found

Executive summary:

Clause	Test items	Verdict
5	General Requirements	P
5.1	Wood Parts	NA
5.2	Screws	P
5.3	Sharp Points or Edges	P
5.4	Small Parts	P
5.5	Openings	P
5.6	Exposed Coil Springs	NA
5.7	Scissoring, Shearing, and Pinching	P
5.8	Labeling	P
5.9	Paint and surface coating	P
5.10	Protective Components	NA
6	Performance Requirements	P
6.1.1	Completely-Bounded Openings	P
6.1.2	Height of Sides	P
6.1.3	Vertical Strength	P
6.1.4	Bottom Spacing	P
6.1.5	Configuration of Uppermost Edge	P
6.2	Latching/Locking and Hinge Mechanisms	P
6.2.1	Pressure-Mounted Gates	NA
6.2.2	Units with Egress Panels	P
6.2.2.1	Automatic Closing Systems	NA
6.3	Horizontal Push-Out	P
6.4	Locking Device	P
6.5	Toys	NA
6.6	Slat Strength Test	NA
6.7	Pressure-Mounted Gate-Mounting Hardware	NA
6.8	Visual Side-pressure Indicators	NA
8	Marking and Labeling	P (Remark #1)
9	Instructional Literature	P (Remark #1)

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**3 CONSUMER REGISTRATION**

As per U.S. code of federal regulations title 16 part 1130 - requirements for consumer registration of durable infant or toddler products, the submitted sample was subjected to the following test:

Number of Sample Tested: One (1) Piece

Initial inspection: No any damage was found.

Executive Summary:

Clause	Test items	Verdict
3	General requirements	P (Remark #1)
4	Identification on the product	P (Remark #1)
5	Requirements for registration forms	P (Remark #1)
6	Requirements for format of registration forms	P (Remark #1)
7	Requirements for Web site registration or alternative e-mail registration.	P (Remark #1)
8	Recordkeeping and notification requirements.	-

Abbreviation: **P**=Pass **F**=Fail **NA**=Not Applicable **NC**=Not Conducted **NR** = Not Requested

**4 FLAMMABILITY TEST**

Remark :

IBE = Ignited but self-extinguished before burn rate could be determined

**5 Tracking Label Assessment**

As per Consumer Product Safety Improvement Act (CPSIA) 2008 Section 103 Tracking Labels For Children Products.

Tracking Label Found on the Packaging:

Permastik Pty Ltd.  
PCS-1223-JHCN

Tracking Label Found on the Product:

Permastik Pty Ltd.  
PCS-1223-JHCN

Remark: According to section 103(a) C3, the tracking label must be permanent marked on the product. As the applicant's request, the sewn-in label's permanency of submitted sample was not assessed.

Note: The tracking label assessment was based on the submitted sample and the information provided by the applicant. There was no verification on the validity of such information.

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Tests Conducted

6 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+6	7			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	ND	%	0.01	0.1
Test Item	CAS No.	Result					Units	D.L.	Limit
		8	9+10	11	12+13	17			
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	ND	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	ND	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	ND	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	0.016	0.036	ND	ND	ND	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	ND	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	ND	ND	ND	ND	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	ND	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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7 **Total Lead (Pb) Content (U.S. 16 CFR Part 1303)**

As per 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 Plasma - Optical Emission Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1	2	3	-	-			
Lead (Pb)	ND	ND	ND	-	-	%	0.001	0.009

Remarks:

D.L. = Detection Limit

ND = Not detected

The above limit was quoted according to U.S. CFR Title 16 Part 1303 for Ban of Lead-containing Paint and Certain Consumer Products Bearing Lead-containing Paint.

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

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

As per 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 Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	4	5+6	7	8	9+10			
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	100
Test Item	Result					Units	D.L.	Limit
	11	12+13	14	15	16			
Lead (Pb)	ND	ND	ND	ND	ND	mg/kg	10	100
Test Item	Result					Units	D.L.	Limit
	17	-	-	-	-			
Lead (Pb)	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.



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Tests Conducted

Picture of sample

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**Component List**

No.	Test Component Description(s)
(1)	Gray coating on metal. (frame)
(2)	Black coating on metal. (frame)
(3)	White coating on metal. (frame)
(4)	Gray plastic. (frame/knob/button/mount/spacer)
(5)	Black plastic. (frame/knob/button/mount/spacer)
(6)	White plastic. (frame/knob/button/mount/spacer)
(7)	Beige plastic. (button)
(8)	Gray woven plastic. (gate)
(9)	Black woven plastic. (gate)
(10)	White woven plastic. (gate)
(11)	Gray soft plastic. (on frame)
(12)	Black soft plastic. (on frame)
(13)	Beige soft plastic. (on frame)
(14)	Silver color metal excluding coating. (frame)
(15)	Silver color metal. (gate tube)
(16)	Silver color metal. (screw/rivet)
(17)	White woven fabric with black/orange printing. (sewn-in label)

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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) received and 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 Shanghai Ltd.*

