



TEST REPORT

Date: August 20, 2026

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Item name : Safety Vest

Brand : /

Style/Model No. : SKU67048

Age Group Assessed as Per Age Guideline : 3+ years

Age Group Applied in Testing : 3+ years

Labeled Age Grading : /

Remark : xs, s, m, l, xl, xxl, xxxl, xxxxl, xxxxxl, xxxxxxl

Sample Receiving Date : August 10, 2026

Testing Period : From August 10, 2026 to August 20, 2026

Results : Please refer to the next page(s)

[Redacted]



Danick Qian
Authorized Signatory

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Summary of Test Results:

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1. Mechanical and physical - ASTM F963-23.
2. Flammability - ASTM F963-23.
3. Soluble migrated elements - ASTM F963-23 Section 4.3.5.
4. Tracking labels - CPSIA Section 103.
5. Total Lead (Pb) Content In Surface Coating-CPSIA Section 101.
6. Total Lead (Pb) Content In Substrates - CPSIA Section 101.
7. Phthalates Content - 16 CFR 1307.
8. Small Parts Test - 16 CFR 1501.
9. Sharp points Hazard - 16 CFR 1500.48.
10. Sharp edges Hazard - 16 CFR 1500.49.

CONCLUSION

PASS
PASS
PASS
PASS
N/A
PASS
PASS
N/A
PASS
PASS

Tested part(s):

Seq. no	Test components description	Location
01	/	Green reflective vest
02	Green textile	Vest base material
03	Gray textile	Sleeve overlock edge
04	Gray textile with gray coating	Gray reflective strip
05	Green textile with blue rubber coating	Back letters
06	Green plastic	Velcro

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Test result:

1. Mechanical and Physical Properties according to ASTM F963-23:

Section	Test Item(s)	Conclusion(s)
4	Safety requirements	
4.1	Material quality	PASS
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, Powders, and Items of Avian Feather Origin	N/A
4.3.7	Stuffing Materials	N/A
4.4	Electrical/Thermal Energy	N/A
4.5	Sound producing toys	N/A
4.6	Small objects	N/A
4.7	Accessible edges	PASS
4.8	Projections	N/A
4.9	Accessible points	PASS
4.10	Wires or rods	N/A
4.11	Nails and fasteners	N/A
4.12	Plastic film	PASS ^R
4.13	Folding mechanisms and hinges	N/A
4.14	Cords, Straps, and Elastics	N/A
4.15	Stability and over-load requirements	N/A
4.16	Confined spaces	N/A
4.17	Wheels, tires, and axles	N/A
4.18	Holes, clearance, and accessibility of mechanisms	N/A
4.19	Simulated protective devices	N/A
4.20.1		N/A
4.20.2	Toy Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23.1	The end of the rattle toy	N/A
4.24	Squeeze toys	N/A
4.25	Battery-operated toys	N/A
4.26	Toys intended to be attached to a crib or playpen	N/A
4.27	Stuffed and beanbag-type toys	N/A
4.28	Stroller and Carriage Toys	N/A

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4.29.1	Basic Compliance Requirements	N/A
4.29.2	Exemption Clause	N/A
4.29.3	Mandatory Labeling Requirements for Art Materials	N/A
4.30	Toy gun marking	N/A
4.31	Balloons	N/A
4.32	Certain toys with spherical ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-shaped objects	N/A
4.37	Yo Yo elastic tether toys	N/A
4.38	Magnets	N/A
4.39	Jaw entrapment in handles and steering wheels	N/A
4.40	Expanding Materials	N/A
4.41	Toy Chests	N/A
5	Labeling requirements	
5.1.2	Tracking label	PASS ^R
	Label	PASS ^R
5.2	Age grading labeling	PASS ^R
5.3	Safety labeling requirements	N/A
5.4	Aquatic Toys	N/A
	Label	N/A
5.5	Crib and Playpen Toys	N/A
	Label	N/A
5.6	Mobiles	N/A
	Label	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled By an Adult	N/A
5.9	Simulated Protective Devices	N/A
	Label	N/A
5.10	Toys with Functional Sharp Edges or Points	N/A
	Label	N/A
5.11	Small objects, Small balls, Marbles and balloons	N/A

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5.12	Art Materials	N/A
5.13	Electric Toys	N/A
5.14	Battery-Operated Toys	N/A
5.15	Promotional Materials	PASS ^R
5.16	Magnets	N/A
6	Instructional literature	
6.1	Definition and description	PASS ^R
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled By an Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Battery Powered Ride-on Toys	N/A
6.7		N/A
6.8	Toys Chests	N/A
6.9		N/A
7	Producer's markings	
7.1		PASS ^R
7.2	Battery-Powered Ride-on Toys	N/A
7.3	Toy chests	N/A

Note:

- 1) N/A=Not Applicable.
- 2) R=Re-submitted sample.

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2. Flammability according to ASTM F963-23:

Test Method: As per section 4.2 of the ASTM F963-23, flammability test for solids and soft toys materials ASTM F963-23 Annex 5.

Component No.	Burn rate (in/sec.)	Limit (in/sec.)	Test Result(s)
01	--	0.10	PASS

Note:

1) According to A5.3.3: "Textile fabrics intended to be removed shall be tested separately and meet the requirements of A6.1. Fabrics not intended to be removed shall become subject to the test to the extent that it becomes a part of the test surface.

2) DNI = Did not ignite;

3) IBE = Ignited but extinguished;

Requirement:

- 1) If the burn rate of all samples is less than 0.1 in./s (2.5mm/s), accept.
- 2) If the burn rate of all samples is greater than 0.1 in./s (2.5 mm/s) but less than 0.15 in./s (3.75 mm/s), accept and consider further investigation for action to improve performance.
- 3) If the burn rate of one of the samples is 0.15 in./s (3.75mm/s) or greater, reject and repeat the test with four additional samples (one time only). If the burn rate of any of the retested samples is 0.15 in./s. or greater, reject.
- 4) If the burn rate of more than one of the initial 4 samples 0.15 in./s (3.75 mm/s) or greater, reject.

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Test Method: As per section 4.2 of the ASTM F963-23, flammability test for textile fabrics ASTM F963-23 Annex 6.

Component No.	Original state		After refurbishing		Final classification	Conclusion(s)
01	1	IBE	6	-	Class 1	PASS
	2	IBE	7	-		
	3	IBE	8	-		
	4	IBE	9	-		
	5	IBE	10	-		
	Average value	IBE	Average value	-		

Note:

- 1) DNI = Did not ignite;
- 2) IBE = Ignited but extinguished;
- 3) All styles of the submitted toy samples (and its accessories) was/were tested, The above result only showed the most severe burn rate of the samples.

Remark:

Test grade	Plain surface textile fabric	Raised surface textile fabric
Class 1	Burn time is 3.5 seconds or more ACCEPTABLE(3.5 sec is a pass)	(1)Burn time is greater than 7.0 seconds; or (2)Burn time is 0-7 seconds with no base burns (SFBB). Exhibits rapid surface flash only.ACCEPTABLE.
Class 2	Class 2 is not applicable to plain surface textile fabrics	Burn time is 4-7 seconds (inclusive) with base burn(SFBB).ACCEPTABLE.
Class 3	Burn time is less than 3.5 seconds. NOT ACCEPTABLE	Burn time is less than 4.0 seconds with base burn (SFBB). NOT ACCEPTABLE.

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3. Soluble migrated elements according to ASTM F963-23 Section 4.3.5:

Test Method: ASTM F963-23 Section 4.3.5 Standard Consumer Safety Specification for Toy Safety - Section 8.3, Test Methods for Determination of Soluble migrated elements in Toys, Toy Components and Materials.

Test Item(s)	Unit	RL	Limit	Test Result(s)		
				02	03	04
Sol.Sb	mg/kg	5	60	N.D.	N.D.	N.D.
Sol.As	mg/kg	2.5	25	N.D.	N.D.	N.D.
Sol.Ba	mg/kg	5	1000	N.D.	N.D.	38
Sol.Cd	mg/kg	5	75	N.D.	N.D.	N.D.
Sol.Cr	mg/kg	5	60	N.D.	N.D.	N.D.
Sol.Pb	mg/kg	5	90	N.D.	N.D.	N.D.
Sol. Hg	mg/kg	5	60	N.D.	N.D.	N.D.
Sol.Se	mg/kg	5	500	N.D.	N.D.	N.D.
Conclusion(s)				PASS	PASS	PASS

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Test Item(s)	Unit	RL	Limit	Test Result(s)	
				05	06
Sol.Sb	mg/kg	5	60	N.D.	N.D.
Sol.As	mg/kg	2.5	25	N.D.	N.D.
Sol.Ba	mg/kg	5	1000	N.D.	N.D.
Sol.Cd	mg/kg	5	75	N.D.	N.D.
Sol.Cr	mg/kg	5	60	N.D.	N.D.
Sol.Pb	mg/kg	5	90	N.D.	N.D.
Sol. Hg	mg/kg	5	60	N.D.	N.D.
Sol.Se	mg/kg	5	500	N.D.	N.D.
Conclusion(s)				PASS	N.D.

Note:

1) 1mg/kg = 0.0001% = mass percent.

2) N.D. = not detected, less than RL.

3) RL = Reporting Limit.

4) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

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4. Tracking Labels For Children's Products:

Test Method: CPSIA section 103 tracking labels for children's products.

Testing Item(s)	Product	Packaging	Conclusion(s)
Location of production of the product	Meet	Meet	PASS ^R
Date of production of the product	Meet	Meet	PASS ^R
Cohort information	Meet	Meet	PASS ^R
Other information	Meet	Meet	PASS ^R
Permanent and distinguishing marks	Meet	Meet	PASS ^R

Note:

1) The tracking label assessment was based on the submitted sample, and the information was provided by the

2) R=Re-submitted sample.

5. Total Lead (Pb) Content In Surface Coating according to CPSIA Section 101:

Test Method: With reference to CPSC-CH-E1003-09.1. The lead content analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Test item(s)	Unit	RL	Test Result(s)
Lead (Pb)	mg/kg	10	N/A

Note: N/A = Not Applicable.

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6. Total Lead (Pb) Content in Substrates according to CPSIA Section 101:

Test Method: With reference to CPSC-CH-E1001-08.3 and/or CPSC-CH-E1002-08.3. The lead content analyzed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Component No.	Unit	RL	Limit	Test Result(s)	Conclusion(s)
04	mg/kg	10	100	N.D.	PASS
05	mg/kg	10	100	N.D.	PASS
06	mg/kg	10	100	N.D.	PASS

Note:

1) 1mg/kg = 0.0001% = mass percent.

2) N.D. = not detected, less than RL.

3) RL = Reporting Limit.

4) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

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7. Phthalates Content according to 16 CFR 1307:

Test Method: With reference to CPSC-CH-C1001-09.4, was analyzed by Gas Chromatograph-Mass Spectrometer (GC-MS).

Test Item(s)	CAS No.	Unit	RL	Limit	Test Result(s)		
					04	05	06
Dibutyl Phthalate (DBP)	84-74-2	mg/kg	30	1000	N.D.	N.D.	N.D.
Benzyl butyl Phthalate (BBP)	85-68-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Bis-(2-ethylhexyl) Phthalate (DEHP)	117-81-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Dinonyl phthalate (DINP)		mg/kg	100	1000	N.D.	N.D.	N.D.
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	mg/kg	30	1000	N.D.	N.D.	N.D.
Di-n-pentyl phthalate (DnPP/DPENP)	131-18-0	mg/kg	30	1000	N.D.	N.D.	N.D.
Dicyclohexylphthalate (DCHP)	84-61-7	mg/kg	30	1000	N.D.	N.D.	N.D.
Diisobutyl phthalate (DIBP)	84-69-5	mg/kg	30	1000	N.D.	N.D.	N.D.
Conclusion(s)					PASS	PASS	PASS

Note:

1) 1mg/kg = 0.0001% = mass percent.

2) N.D. = not detected, less than RL.

3) RL = Reporting Limit.

4) "▲" = This data is obtained from composite testing on more than one materials or shapes, it is possible that result obtained from individual testing on any one of the materials or shapes is substantially higher. Please be cautious when using this data for compliance evaluation.

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8. Small Parts Test:

Test Method: As per 16 CFR 1501, Test methods for determining a small parts in toys and other articles intended for use by children under 3 years old.

Component No.	Test item	Conclusion(s)
01	Small parts	N/A

Note: N/A = Not Applicable.

9. Sharp points Hazard:

Test Method: As per 16 CFR 1500.48, Test methods for determining a sharp points in toys and other articles intended for use by children under 8 years of age.

Component No.	Test item	Conclusion(s)
01	Sharp points	PASS

Note: After abuse testing.

10. Sharp edges Hazard:

Test Method: As per 16 CFR 1500.49, Test methods for determining a sharp metal or glass edges in toys and other articles intended for use by children under 8 years of age.

Component No.	Test item	Conclusion(s)
01	Sharp edges	PASS

Note: After abuse testing.

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Modified-History

Revision	Description	Issued Date	Remark
Revision-0.0	Initial Test Report-Release	August 20, 2026	Derick Qian

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Photograph of Sample:



TI authenticated the photo on original report on

***** End of Report *****