

TEST REPORT

Applicant: PCHI ASIA LIMITED
36/F SAXON TOWER
7 CHEUNG SHUN ST
CHEUNG SHA WAN KLN
HK

Number: HKGH02875461

Date: May 23, 2022

Submitted samples said to be :
Item no. : **395864**
Vendor no. : 13320
Factory no. : 1152
P.O. no. : **334620**
Rating according to Amscan's protocol : Pass
Item name : **Game Catch Slash Net**
Sample/information submission date : May 10, 2022
Report issued date : May 23, 2022
Report no. : HKGH02875461
Retest of report : --
Remark : --
Test Reference no. : LBW10048907
Labelled age group : "5+"
Packaging provided : Yes
Buyer : Amscan
Country of origin : China
Country of destination : US
Sample Type : Vendor provided sample
Amscan Gunscan reference : As provided by the Applicant,

Item #	Location	Heavy Metal	Phthalate
395864	multi color paper card (packaging)	ND	ND
395864	white net (packaging)	ND	ND
395864	metal staple (packaging)	ND	NA
395864	plastic catcher (blue part)	ND	ND
395864	plastic catcher (green part)	ND	ND
395864	orange net (on catcher)	ND	ND
395864	metal screw (on catcher)	ND	NA
395864	multi color fabric ball	ND	NA
395864	sewing label (on fabric ball)	ND	NA

For and on behalf of :
Intertek Testing Services HK Ltd.



Cindy I.K. Chan
Vice President



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Amscan requirement (for GCC use)	
Test item	Rating
Lead in surface coating (16 CFR 1303)	NA
Lead in substrate (CPSIA 101)	Pass
Choking hazard labeling (16 CFR 1500.19)	NA
Pacifiers (16 CFR 1511)	NA
Rattles (16 CFR 1510)	NA
Labeling on hazardous substances (16 CFR 1500.14 (b) (1-5))	NA
Toys (ASTM F963) (CPSIA 106)	Pass
Sharp point (16 CFR 1500.48)	Pass
Sharp edge (16 CFR 1500.49)	Pass
Small part (16 CFR 1501)	NA
Flammability of solids (16 CFR 1500.44)	Pass
Flammability of textiles (16 CFR 1610)	NA
Flammability of plastic film (16 CFR 1611)	NA
Phthalates in toy & childcare items (CPSIA 108)	Pass
Art materials (LHAMA) (16 CFR 1500.14(b)(8))	NA
Others (please specify)	NA

Abbreviation: NA = Not applicable



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Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) Amscan's requirement - Labeling Review	Pass
(2) U.S. ASTM F963-17 - Physical and Mechanical tests	Pass
(3) ASTM F963-17 - Flammability Test of Materials other than textile materials	Pass
(4) U.S. CFR Title 16 (CPSC Regulations) - Part 1500.3(c)(6)(vi) - Flammability test on rigid and pliable solids	Pass
(5) Amscan's requirement - Total Lead content in surface coating	Not Applicable
(6) Amscan's requirement - Total Lead content in non-surface coating materials (substrate)	Pass
(7) Amscan's requirement - Toxic elements test on surface coating	Not Applicable
(8) Amscan's requirement - Toxic elements test on substrate	Pass
(9) Amscan's requirement - Specified phthalates contents	Pass
Amscan's requirement with reference to Consent Judgement no. BG-350969 based on related court case of California Proposition 65 (excluding labelling assessment) - Phthalates Content	Pass
(10) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019) section 21 Cellulose Nitrate and Celluloid	Pass
(11) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019) - Mechanical and physical test	Pass



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<u>Requirement</u>	<u>Result</u>
(12) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 section 23 with amendments SOR/2016-195 - Toxic elements test	Not Applicable
(13) Phthalates Regulations SOR/2016-188 Section 2 & 3(1) - Phthalate content	Pass
(14) ISO 14184-1 :2011 - Formaldehyde content	Pass

Decision Rule(s):

When a statement of conformity to a specification or standard is provided on test report, the decision rule shall be applied. For details, please refer to Intertek's "Decision Rule Document" and is available on Intertek's website. <https://intertekhk.grd.by/decision-rule-doc>.

If decision rule already inhered in the requested specification or standard, Intertek's "Decision Rule Document" is not applicable and indication of "∞" was shown as above table.



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(1) Labeling Review on Amscan Product

Test method: Amscan specification, the submitted sample was subjected to the following tests.

Number of samples tested: Two(2) sets.

Executive summary:

Labeling requirements	Citation	Criteria	Result
16 CFR 500 Fair Packaging and Labeling Act or Uniform Packaging and Labeling Regulations	FPLA (16 CFR 500) or NIST Uniform Laws and Regulations Handbook 130	Manufacturer, packer, or distributor's name & address (city, state & zip code)	P
		Product identification	P
		Net quantity of contents shall be expressed in appropriate type size and in terms of weight or mass, measure, numerical count, or combination so as to give accurate information to facilitate consumer comparison (in.-pound and SI units).	P
Country of origin marking	19 CFR 134	Shall indicate country of origin legibly, permanently, and in comparable size and close proximity to any mention of country other than country in which the article was manufactured or produced. Must be visible at point of purchase.	P (Made in China)
16 CFR 1500.130 Pressurized container labeling	16 CFR 1500.130	Self-pressurized containers shall conform to the labeling requirements 16 CFR 1500.121(c).	NA
ASTM F963 labeling	ASTM F963, Section 4 - 6	Shall have special labeling for special features	P
Labeling for misbranded toy or children articles	FHSA Sec.24 / 16 CFR 1500.19&121	Shall conform to the labeling requirement as defined by the act and regulations	NA
Art materials	16 CFR 1500.14(b)(8) / ASTM D4236	Shall conform to the labeling requirements as defined by 16 CFR 1500.14 (b)(8)(LHAMA)/ASTM D4236 The art materials product/package shall carry "Conforms to ASTM D4236" or similar statement express the same meaning. Note: it is the supplier's responsibility to ensure the art materials used in the product are non-toxic and conforms to ASTM D4236. The document review is reported on next test item.	NA
16 CFR 1500.14(b)(1-5) Labeling on hazardous substances	16 CFR 1500	Substances have a special hazards to health shall have conform labeling requirement.	NA



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Labeling requirements	Citation	Criteria	Result
Stuffed toy labeling	PA / MA / OH Stuffed toy law	Stuffed toys shall have a tag or label securely affixed which contains: <ul style="list-style-type: none"> • A statement that "All new material" was used • Type of material • The assigned state registration number (Pennsylvania at a minimum) The name and principal place of business (city and state) of the manufacturer or vendor	NA
Safety agency listing verification*	Visual check	Verify UL/ETL/CSA listing or equivalent UL/ETL/CSA number: _____ for _____ UL/ETL/CSA number: _____ for _____ UL/ETL/CSA number: _____ for _____	NA
Safety agency listing verification*	Visual check	CUL/CETL Current Listing Verification Comment: Conduct electrical listing verification and testing for CANADA if being sold in Canada CUL/CETL number: _____ for _____ CUL/CETL number: _____ for _____ CUL/CETL number: _____ for _____	NA
FCC Labeling Verification	FCC part 15	Shall have valid FCC report if the product operates by DC / AC with internal frequency >9kHz or operates by battery with internal frequency >1.705MHz Appropriate marking shall appear on both the product and instruction manual.	NA

Abbreviation: P = Pass;

NA = Not applicable

Date sample received : May 06, 2022

Testing period : May 06, 2022 to May 17, 2022



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(2) Physical and Mechanical Tests

Test Standard : ASTM Standard Consumer Safety Specification for Toy Safety F963-17

Age group for testing : For Ages Over 3 Years

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Compression test	Section 1500.53(g)	30 lbf
Drop Test	Section 1500.53(b)	4 x 3.0 ft
Tension test	Section 1500.53(f)	15 lbf
Torque test	Section 1500.53(e)	4 in-lbf

Clause	Requirement	Assessment
4.1	Material quality	P
4.5	Sound producing toys	NA
4.6.1	Toys intended for children under 36 months of age	NA
4.6.2	Mouth actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months - Small part warning	NA
4.7	Accessible edges	P
4.8	Projection	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps, and elastics	NA
4.15	Stability and overload requirement	NA
4.16	Confined spaces	NA
4.17	Wheels, tires, and axles (96 months of age or less)	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	P
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag type toys	P
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispherical shaped objects	NA
4.37	Yo Yo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw Entrapment in Handles and Steering Wheels	NA



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Clause	Requirement	Assessment
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labeling requirements	P
6	Instructional literature	P
7	Producer's marking	
	- Name of producer / distributor	Yes
	- Address	Yes

Abbreviation : P = Pass NA = Not Applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

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(3) Flammability Tests

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-17.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u> <u>(inch)</u>	<u>Time (sec)</u>	<u>Burn Rate</u> <u>(inch/sec)</u>	<u>Limit (inch/sec)</u>
Ball	Edge	3.0	60	0.05	0.10

The above result only showed the most severe burn rate of the samples and components.

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(4) Flammability Tests

Test Standard : U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u> <u>(inch)</u>	<u>Time (sec)</u>	<u>Burn Rate</u> <u>(inch/sec)</u>	<u>Limit (inch/sec)</u>
Ball	Edge	3.0	60	0.05	0.10

The above result only showed the most severe burn rate of the samples and components.

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(5) Total Lead (Pb) Content in Surface Coating

Test Method : Amscan specification, U.S. Code of Federal Regulations Title 16 Part 1303 and U.S. Consumer Product Safety Improvement Act 2008, Title I, Section 101 for children's products containing Lead and Illinois Lead Poisoning Prevention Act, acid digestion method and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope of the standard was not applicable to the submitted samples.

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(6) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Amscan specification, U.S. Consumer Product Safety Improvement Act 2008, Title I, Section 101 for Children’s Products Containing Lead and Illinois Lead Poisoning Prevention Act, acid digestion method and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry

Tested Component	Result in ppm	Limit in ppm
(1/2)	<10	90
(3)	<10	90

ppm = parts per million = mg/kg

Tested Components:

- (1) Green plastic (racket).
- (2) Blue plastic (racket).
- (3) White knit with printings (ball).

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(7) Toxic Elements Analysis on Surface Coating

Test Method : Amscan’s specification, with reference to section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted samples, the testing scope of ASTM F963-17 for toxic elements test was not applicable to the submitted samples.

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(8) Toxic Elements Analysis on Substrate

Test Method : AmScan's specification, with reference to section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-17, toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

Total Elements Content:

	Result (ppm)		Limit (ppm)
	(1/2)	(3)	
Total Lead (Pb)	<10	<10	90
Total Barium (Ba)	<10	<10	1000
Total Cadmium (Cd)	<10	<10	75
Total Antimony (Sb)	<10	<10	60
Total Selenium (Se)	<10	<10	500
Total Chromium (Cr)	<10	<10	60
Total Mercury (Hg)	<10	<10	60
Total Arsenic (As)	<10	<10	25
Total Nickel (Ni)	<10	<10	930

ppm = parts per million = mg/kg

Tested Components:

- (1) Green plastic (racket).
- (2) Blue plastic (racket).
- (3) White knit with printings (ball).

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(9) Phthalate Content Test

Test Method : Amscan's specification, with reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS).

Compound	Result (% w/w)	Limit (% w/w)
	(1/2)	
Dibutyl phthalate (DBP)	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	0.1
Di-n-hexyl phthalate (DnHP) / (DHEXP)	<0.01	0.1
Di-cyclohexyl phthalate (DCHP)	<0.01	0.1
Diisobutyl phthalate (DIBP)	<0.01	0.1
Dipentyl phthalate (DPP) / (DPENP)	<0.01	0.1
Diisooctyl phthalate (DIOP)	<0.01	--
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	<0.01	--
Monobutyl phthalate (MBP)	<0.01	--
Diethyl phthalate (DEP)	<0.01	--
Bis (2-methoxyethyl) phthalate (DMEP)	<0.01	--
Diisopentylphthalate (DIPP)	<0.01	--
N-pentyl-isopentylphthalate (PIPP)	<0.01	--
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	<0.01	--
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	<0.01	--
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	<0.01	--



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	Result (% , w/w)	
1,2-benzenedicarboxylic acid, di-C6-10-alkyl esters; 1,2-benzenedicarboxylic acid, mixed decyl and hexyl and octyl diesters with ≥ 0.3% of dihexyl phthalate (EC No. 201-559-5)	<0.01	--

Tested Components:

- (1) Green plastic (racket).
- (2) Blue plastic (racket).

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(10) Cellulose Nitrate and Celluloid

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019) section 21

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

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(11) Physical and Mechanical Tests

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019)

Age group for testing : For Ages Over 3 Years

The submitted samples were undergone the use and abuse tests in accordance with the Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 (last amended on 11 January 2019):	
<u>Test</u>	<u>Parameter</u>
Drop test	4 x (0.909 +/- 0.005) m
Pull test	42.5 +/- 2 N
Push test	42.5 +/- 2 N

<u>Clause</u>	<u>Requirement</u>	<u>Assessment</u>
3	General - English and French Bilingual Statement	NA
4	Packaging	NA
5	Electrically operated toys	NA
6	Electrically heated toys	NA
7	Small parts	NA
8	Metal edges	P
9	Wire Frames	NA
10	Plastic Edges	P
11	Wooden Surfaces, Edges and Corners	NA
12	Glass	NA
13	Fasteners	P
14	Folding Mechanisms, Bracket or Bracing	NA
15	Spring-Wound Driving Mechanism	NA
16	Projectile Components	P
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	NA
19	Noise limit	NA
20	Heated surfaces, parts or substances	NA
28	Fastening to attach parts, Clothing or Ornamentation	P
29	Stuffing Materials	P
	(a) Clean and free from vermin	P
	(b) Free from Hard and Sharp Foreign Matter	NA
30	Small parts - Squeaker, Reed, Valve or other similar device	NA
31	Eyes or nose	NA
35	Plant seeds for making noise	NA



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Clause	Requirement	Assessment
36	Plant seeds for stuffing material	P
37	Pull and Push Toys that has a shaft-like handle	NA
38	Toy Steam Engines Boilers	NA
39	Finger Paints	NA
40	Rattle	NA
41	Elastic	NA
42	Yo-Yo Type Balls	NA
	(a) Stretchable cord	NA
	(b) Similar product	NA
43	Magnetic toys	NA
44	Warning of magnetic toys	NA

Abbreviation : P = Pass NA = Not Applicable

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(12) Toxic Elements Analysis

Test Method : In house method(TC003.TP), microwave digestion and total Pb content determined by ICP-OES.(TC003.TP) and Health Canada Product Safety Laboratory Reference Manual Book 5-Laboratory Policies and Procedures Part B:Test Methods Section, Method C03. (with modifications by direct analysis using ICP-OES after filtration of leachate), determination of leachable As, Se, Cd, Sb and Ba in applied coating (2014-02-20). In house method(TC066.TP), microwave digestion and total Hg content determined by ICP-MS.

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope was not applicable to the submitted samples

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(13) Phthalate Content Test

Test Method : Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.4 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Six Phthalate content:

Compound	Result (ppm)	Limit (ppm)
	(1/2)	
Dibutyl phthalate (DBP)	<100	1000
Diethyl hexyl phthalate (DEHP)	<100	1000
Benzyl butyl phthalate (BBP)	<100	1000
Diisononyl phthalate (DINP)	<150	1000
Di-n-octyl phthalate (DnOP)	<100	1000
Diisodecyl phthalate (DIDP)	<100	1000

The above limit was quoted according to Phthalates Regulations SOR/2016-188 Section 2 & 3(1) for phthalate content in toys and child care articles.

ppm = parts per million = mg/kg

Tested Components:

- (1) Green plastic (racket).
- (2) Blue plastic (racket).

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(14) Free Formaldehyde Content

Test Standard : ISO 14184-1:2011

Tested Component	Result in ppm
(1/2)	<5

Applicant's Requirement : 75ppm

ppm = parts per million = mg/kg

Tested Components:

- (1) Orange string (net of racket).
- (2) White knit with printings (ball).

Date sample received : May 06, 2022

Test Period : May 06, 2022 to May 16, 2022

End of report

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The observations and test results in this report are relevant to the sample(s) tested and submitted by client. The report is not intended to be a recommendation for any particular course of action, you are responsible for acting as you see fit on the basis of the report results. This report does not discharge or release you from your legal obligations and duties to any other person. Only the Client is authorized to permit copying or distribution of this report and the report shall not be reproduced except in full. Any use of the Intertek name or one of its marks for the sale or advertisement of the tested material, product or service must first be approved in writing by Intertek. This report by itself does not imply that the material, product, or service is or has ever been under an Intertek certification program.

