



**BUREAU
VERITAS**



CONSUMER PRODUCTS SERVICES DIVISION

LONGSHORE LTD.

Technical Report: (5209)006-0422
Date Received: January 20, 2009

February 06, 2009
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JASON LI
LONGSHORE LTD.
ROOM 307, HENG NGAI JEWELRY CENTRE
4 HOK YUEN STREET EAST
HUNG HOM
KOWLOON
HONG KONG

Sample Description:	HANG ON HARVEY	Sample Size:	12
Vendor:	N/A	Style No(s):	22346
Manufacturer:	N/A	SKN/SKU No.:	N/A
Buyer:	N/A	PO No.:	N/A
Labeled Age Grade:	AGES 3+	Ref #:	N/A
Appropriate Age Grade:	NOT REQUESTED	Country of Origin:	CHINA
Client Specified Age Grade:	3+	Assortment No.:	N/A
Tested Age Grade:	OVER 3 YEARS OF AGE	Place of Manufacture:	NOT LISTED
UPC Code:	855110223463	Date of Manufacture:	NOT LISTED
Test Starting Date:	JANUARY 20, 2009	Date of Testing:	FEBRUARY 06, 2009
Test Finished Date:	FEBRUARY 06, 2009		

EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The lead content requirements of 16 CFR 1303, "Ban of lead-containing paint and certain consumer products bearing lead-containing paint" (CPSC and CPSA regulations).**
- The flammability requirements of 16 CFR 1500.3(c)(6)(vi), "Flammable solid" (FHSA regulations).
- The soluble heavy metals content requirements of ASTM F963-07 E1, "Standard consumer safety specification on toy safety," Section 4.3.5.2.
- The labeling requirements of ASTM F963-07 E1, "Standard consumer safety specification for toy safety".



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EXECUTIVE SUMMARY:

The sample(s) MEET the following requirement(s):

- The mechanical hazards requirements of ASTM F963-07 E1, "Standard consumer safety specification for toy safety".

Note: The sample(s) was not evaluated to the Normal Use testing requirements specified in ASTM F963-07e1, Section 8.5. It is the responsibility of the manufacturer, vendor or distributor to conduct tests that will simulate normal use conditions. These tests shall ensure that hazards are not generated through normal wear and deterioration of the sample(s). These tests shall also simulate the normal play mode of the toy and to simulate the expected mode of use of the particular toy. The tests shall be conducted in an expected use environment. These normal use tests shall simulate the intended use of the toy based on its estimated lifetime.

Note: At the request of the client, the sample(s) was evaluated for use by children 3+.

Note: The received sample(s) contained scrapable surface coating material(s) of less than 10 milligrams by weight on one single sample, therefore such coating material(s) was not subject to the soluble heavy metals analysis of ASTM F963-07 E1, "Standard consumer safety specification on toy safety", Section 4.3.5.2, as specified in Section 8.3.3.1(2).

BUREAU VERITAS HONG KONG LIMITED

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AC/KL/tk

** This third party report was issued to certify the tested product(s) complied with this rule, ban, standard, or regulation.

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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the Age Determination Guidelines of the Consumer Product Safety Commission (CPSC); and the ASTM F963-07, "Standard Consumer Safety Specification on Toy Safety". Annex A1

Note : The most stringent age grade from the Labeled Age Grade and the Appropriate Age Grade will be used for testing.

Note : If the client does not specify an age grade for testing or request Bureau Veritas Consumer Products Services, Inc. to determine an appropriate age grade, the labeled age grade will be used for testing.

USE AND ABUSE TESTS

The samples were undergo the tests in accordance with section 8.6 through 8.16, whichever is applicable

Test	Test Parameters	Standard Reference
Impact Test	4 x 3 ft	1500.53(b)
Torque Test	4 in-lbs	1500.53(e)
Tension Test	15 lbs	1500.53(f)
Compression Test	30 lbs	1500.53(g)



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RESULTS:

PHYSICAL AND MECHANICAL HAZARDS (ASTM F963-07 E1)

Section	Requirement	Result
4.1	Material Quality	M
4.3.7	Stuffing Materials – Visual Inspection	N/A
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	N/A
4.7	Accessible Edges	M
4.8	Projections	N/A
4.9	Accessible Points	M
4.10	Wires and Rods	N/A
4.11	Nails and Fasteners	N/A
4.12	Packaging Film	M
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 Clearances, and Accessibility of Mechanisms	M
4.19	Simulated Protective Devices	N/A
4.20	Pacifiers	N/A
4.21	Projectile Toys	N/A
4.22	Teethers and Teething Toys	N/A
4.23	Rattles	N/A
4.24	Squeeze Toys	N/A
4.25	Battery-Operated Toys (exclude section 4.25.10 Battery-powered ride-on toys)	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Toy Chest	N/A
4.28	Stuffed and Beanbag-Type Toys	N/A
4.31	Toy Gun Marking	N/A
4.33	Certain Toys with Spherical Ends	N/A
4.35	Small Balls	N/A
4.36	Pompoms	N/A
4.37	Hemispheric-Shaped Objects	N/A
4.38	Yo Yo Elastic Tether Toys	N/A
4.39	Magnets	N/A

M = Meet NM = Not Meet N/A = Not Applicable R = Refer to Comment Section



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RESULTS:

LABELING AND INSTRUCTIONAL REQUIREMENT (ASTM F963-07 E1)

Section	Requirement	Result
Safety Labeling Requirements		
5.4 & 5.3	Aquatic Toys	N/A
5.5 & 5.3	Crib and Playpens Toys	N/A
5.6 & 5.3	Mobiles	N/A
5.7 & 5.3	Stroller and Carriage Toys	N/A
5.8 & 5.3	Toys Intended to be Assembled by an Adult	N/A
5.9 & 5.3	Simulated Protective Devices	N/A
5.10 & 5.3	Toys with Functional Sharp Edges and Sharp Points	N/A
5.11	Small Objects, Small Balls, Marbles and Balloons (16 CFR 1500.19)	N/A
5.12	Toy Caps (16 CFR 1500.86 for Required Labeling)	N/A
5.13	Art Materials (16 CFR 1500.14(b)(8))	N/A
5.15	Battery-Operated Toys	N/A
5.15.1 & 5.3	Battery-Powered Ride-On Toys	N/A
5.16	Promotional Materials	M
5.17 & 5.3	Magnets	N/A
Instructional Literature		
6.1	Definition and Description	M
6.2	Toy Chests	N/A
6.3	Crib and Playpen Toys	N/A
6.4	Mobiles	N/A
6.5 & 5.3	Toys Intended to be Assembled by an Adult	N/A
6.6.1-2	Battery-Operated Toys	N/A
6.6.3	Battery-Powered Ride-On Toys	N/A
6.7	Toys in Contact with Food	N/A
Producer's Markings		
7.1	Producer's Name and Address	M
7.2	Toy Chests	N/A
7.3	Battery-Powered Ride-on Toys	N/A

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RESULTS:

FLAMMABILITY (16 CFR SECTION 1500.3(c)6)(vi))

Requirement	Test Method Reference	Findings
Burn rate no greater than 0.1 of an inch per second	16 CFR 1500.44	Most rapid burn rate less than 0.1 of an inch per second.

TOTAL LEAD CONTENT (16 CFR 1303, "Ban of Lead-containing paint and certain consumer products bearing Lead-containing paint")

Element:				Lead	Conclusion
Requirement: Maximum allowable limit (0.06% by weight)				600 mg/kg	
Sample Description				Result (mg/kg)	Conclusion
	Color / Component	Location	Style		
(A)	Surface Coating Black	People		LT 37	Pass
(B)	White	People		LT 38	Pass
(C)	Dull white	Words on base		LT 27	Pass

LT = Less than
 * = Average of duplicate analyses
 mg/kg = milligrams per kilogram (ppm = parts per million)

SOLUBLE HEAVY METALS CONTENT (ASTM F963-07 E1, Section 4.3.5.2)

Test Method: Soluble heavy metals content analysis was determined by Inductively Coupled Plasma Spectrometry.

	Color / Component	Location	Style
	Surface Coating		
A.	Dull white	Words on base	
B.	White	People	

Element	As	Ba	Cd	Cr	Hg	Pb	Sb	Se	Mass of trace Amount	Conclusion
Maximum Limit (mg/kg)	25	1000	75	60	60	90	60	500		
Analytical Correction	60%	30%	30%	30%	50%	30%	60%	60%		
Sample	Result (mg/kg)								(gram)	Conclusion
A.	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0226	Pass
B.	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	LT 2	0.0149	Pass

LT = Less Than
 CR = Adjusted analytical result
 mg/kg = milligrams per kilogram (ppm = parts per million)
 * = Average of duplicate analyses
 As = Arsenic, Ba = Barium, Cd = Cadmium,
 Cr = Chromium, Hg = Mercury, Pb = Lead,
 Sb = Antimony, Se = Selenium

END OF REPORT