



CONSUMER PRODUCTS SERVICES DIVISION

LIFETIME PLASTIC PRODUCTS LTD

Technical Report: (8519)357-0656(Revision)

June 03, 2020

Date Received: December 24, 2019

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RECKY MA
LIFETIME PLASTIC PRODUCTS LTD
BUILDING NO.1-5, NO.568 SHANBIAN ROAD
DONGFU TOWN
HAICANG DISTRICT
XIAMEN, FUJIAN 361027
CHINA

Sample Description:	LIFETIME 72.9*72.9*84.4 INCH PLAYHOUSE		
Vendor:	N/A	Sample Size:	3
Manufacturer:	LIFETIME PLASTIC PRODUCTS LTD	Style No(s):	90980
Buyer:	N/A	SKN/SKU No.:	N/A
Labeled Age Grade:	AGES 3 TO 10	PO No.:	N/A
Appropriate Age Grade:	NOT REQUESTED	Ref #:	N/A
Client Specified Age Grade:	NOT SPECIFIED	Country of Origin:	CHINA
Tested Age Grade:	FROM 3 TO 10 YEARS OF AGE	Assortment No.:	N/A
UPC Code:	081483820927	Item#:	90980
Country of Destination:	EU	Test Starting Date:	DECEMBER 24, 2019
		Test Finished Date:	JANUARY 21, 2020



(*)EXECUTIVE SUMMARY:

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

- Labeling requirements of "CE marking, manufacturer/ Importer name and address, and product identification" under "Directive 2009/48/EC Safety of Toy".
- The mechanical and physical properties requirements of the tested subclauses of the European Standard, "Safety of toys", EN71: Part 1:2014+A1:2018, clauses 1-7.
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2011+ A1: 2014.
- The migration of certain elements in Category III - Scraped off toy material requirements of the European Standard, "Safety of Toys", EN 71 Part 3: 2019.

Note: The received sample(s) contained accessible component(s) of less than 10 milligrams by weight on one single sample, therefore such component(s) was not subject to migration of certain elements of European Standard, "Safety of Toys", EN 71 Part 3: 2019, as specified in Clause 7.1 - Selection of test portions.

Note: This report is amendment of and supersedes the previous (8519)357-0656 dated January 21, 2020.

BUREAU VERITAS SHENZHEN CO.,LTD

Choy Hon Kwong, Adams
Senior Manager
Analytical Department

AC/ HK / su

BUREAU VERITAS SHENZHEN CO., LTD.

Hon Yin Kan
Manager
Toys And Juvenile Products Department

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RESULTS:

APPROPRIATE AGE GRADE DETERMINATION

The Appropriate Age Grade is determined with reference to the EN71: Part 1 : 2014 +A1:2018, CEN ISO/TR 8124-8:2016 Safety of toys - Part 8: Age Determination Guidelines prepared by Technical Committee CEN/TC 52 and Age Grade Determination Guidelines of the Consumer Product Safety Commission (CPSC).	
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.

EXPLANATION OF THE ABBREVIATIONS FOR PART 1, 2 & 6

Symbol	Explanation				
NM	The sample(s) DOES NOT MEET the requirement of this Subclause				
M	The sample(s) MEET the requirement of this Subclause				
N/A	Not Applicable				
NR	Not Requested				
NE	Not Evaluated				
NT	Not Tested				
NP	None Present				
P	Present				
R	Refer to Comment Section of this report				
Symbol	Language Present	Symbol	Language Present	Symbol	Language Present
B	Belgian language	G	German language	PR	Portuguese language
D	Danish language	GR	Greek language	S	Spanish language
E	English language	H	Dutch language	SD	Swedish language
F	Finnish language	I	Italian language	SZ	Swiss language
FR	French language	N	Norwegian language		

RESULTS:

**MECHANICAL & PHYSICAL PROPERTIES
 (EN 71: PART 1 – 2014+A1 – 2018)**

Subclause	Requirement	Result
4.1	Material cleanliness	M
4.2	Assembly	M
4.3	Flexible plastic sheeting	NA
4.4	Toy Bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7 & 7.6	Edges	M
4.8 & 7.6	Points and metallic wires	M
4.8e	Splinters	M
4.9	Protruding parts	NA
4.10.1	Folding and sliding mechanisms	NA
4.10.2	Driving mechanisms	NA
4.10.3	Hinges	M
4.10.4	Springs	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	M
4.12 & 7.3	Balloons	NA
4.13 & 7.9	Cord of toy kites and other flying toys	NA
4.14.1	Toys which a child can enter	M
4.14.2 & 7.8	Masks and helmets	NA
4.15.1	Toys propelled by child	
4.15.1.2 & 7.10.1 & 7.10.2 & 7.10.3 & 7.10.4 & 7.16	Toys propelled by child – Instructions for use	NA
4.15.1.3	Toys propelled by child – Strength	NA
4.15.1.4	Toys propelled by child – Stability	NA
4.15.1.5	Toys propelled by child – Braking	NA
4.15.1.6	Toys propelled by child - Transmission	NA
4.15.1.7	Toys propelled by child – insertion mark	NA
4.15.1.8	Electrically-driven ride-on toys	NA
4.15.2	Toy bicycles	
4.15.2.2 & 7.15	Toy bicycles – Warnings and instructions for use	NA
4.15.2.3	Toy bicycles – Braking	NA
4.15.3 & 7.16 & 7.19	Rocking horses and similar toys	NA
4.15.4 & 7.16	Toys not propelled by child	NA
4.15.5 & 7.18	Toy scooters	NA
4.16	Heavy immobile toys	M
4.17.2	All projectiles	NA
4.17.3 & 7.7	Projectile toys with stored energy	NA

RESULTS:

**MECHANICAL & PHYSICAL PROPERTIES
 (EN 71: PART 1 – 2014+A1 – 2018)**

Subclause	Requirement	Result
4.17.4 & 7.26	Certain projectiles toys without stored energy	NA
4.18 & 7.4	Aquatic toys and inflatable toys	NA
4.19 & 7.13 & 7.14	Percussion caps	NA
4.20.2.1- 4.20.2.8, 4.20.2.10, 4.20.2.12	Acoustics	M
4.20.2.9, 4.20.2.11 & 7.14	Acoustics – percussion toys & cap-firing toys	NA
4.21	Toys containing a non-electrical heat source	NA
4.22 & 7.2	Small balls	NA
4.23	Magnet	
4.23.2 a, b & c	Toy other than magnetic / electrical experimental sets intended for children over 8 years	NA
4.23.3 & 7.20	Magnetic / electrical experimental sets intended for children over 8 years	NA
4.24	Yo-yo ball	NA
4.25	Toys attached to food	NA
4.26	Toy Disguise Costumes	NA
4.27.1	Flying toys – General	NA
4.27.2 & 7.25.1	Rotors and propellers on flying toys	NA
4.27.3 & 7.25.2	Rotors and propellers on remote controlled flying toys	NA
FOR TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS		
5.1	General	NA
5.1a	Small parts – as received	NA
5.1b	Small parts, sharp points, sharp edges – after tests	NA
5.1c	Cross section <2mm metal points & wires	NA
5.1e	Toys contain glue	NA
5.1f	Casing of toys	NA
5.2	Fillings, coverings and seams	NA
5.3	Adhesion of plastic sheeting	NA
5.4.2	Cords and chains in toys intended for children under 18 months	NA
5.4.3 & 7.22	Cords and chains in toys intended for children of 18 months or over but under 36 months	NA
5.4.4	Fixed loops, tangled loops and nooses	NA
5.4.5	Cords and chains on pull along toys	NA
5.4.6 & 7.21	Electrical cables	NA
5.4.7	Cross-sectional dimension of certain cords	NA
5.4.8	Self-retracting cords	NA
5.4.9 & 7.11 & 7.23	Toys attached to or intended to be strung across a cradle, cot or perambulator	NA



RESULTS:

**MECHANICAL & PHYSICAL PROPERTIES
 (EN 71: PART 1 – 2014+A1 – 2018)**

Subclause	Requirement	Result
5.5 & 7.12	Liquid filled toys	NA
5.6	Electrically driven toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size	NA
5.9 & 7.17	Monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
5.15 & 7.24	Sledges with cords for pulling	NA
6	Packaging	M
WARNINGS, INSTRUCTIONS FOR USE		
7.1	General	M
7.2	Toys not intended for children under 36 months	M
7.5	Functional toys	NA

2009/48/EC GENERAL LABELING REQUIREMENT

Requirement	Result
CE Mark	M
Manufacturer/ Importer name and address	M
Product Identification	M

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



RESULTS:

FLAMMABILITY (EN 71 PART 2: 2011 + A1: 2014)

Subclause	Requirement	Result
4.1	Cellulose nitrate	NP
4.1	Surface flash on a piled surface	NA
4.1	Flammable gases	NA
4.1	Extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels	NA
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by child in play	NA
4.3	warning on product and packaging (10 - 30 mm/s)	NA
4.4	Toys intended to be entered by a child	NA
4.4	warning on product and packaging (10 – 30 mm/s)	NA
4.5	Soft-filled toys	NA

REQUIREMENTS & TEST METHODS CROSS REFERENCE TABLE FOR PART 2

Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method	Sub-clause	Test Method
4.2.2	5.2	4.2.4	5.3	4.3	5.4	4.5	5.5
4.2.3	5.3	4.2.5	5.4	4.4	5.4	-	-



RESULTS:

MIGRATION OF CERTAIN ELEMENTS (European Standard EN 71 Part 3: 2019)

Test Method : European Standard EN 71 Part 3: 2019, Section 9.

Class: Category III - Scraped off toy material

Sample Identity	Color	Location	Style
A.	Black coating	Support of sunshade , screw , logo plate & fixture	
B.	Deep red coating	Pan	
C.	All coating	Plastic sticker	
D.	Offwhite plastic	Block	
E.	Dull blue plastic	Block	
F.	Deep brown plastic	Block	
G.	Light aqua blue plastic	Block	
H.	Dull black plastic	Doorknob , top of roof & axis of door	
I.	Grey plastic	Doorbell	
J.	Light green plastic	Plate & cutting board	
K.	Leaf green plastic	Guava	
L.	Flat white plastic	Guava	
M.	Light yellow plastic	Pear	
N.	Off white plastic	Pear	
O.	Brown plastic	Kiwi	
P.	Flat green plastic	Kiwi	
Q.	Purple plastic	Grape	
R.	Dull green plastic	Grape	
S.	Red plastic	Strawberry	
T.	Soft green plastic	Strawberry	
U.	Orange plastic	Orange	
V.	Light orange plastic	Orange	
W.	Deep green plastic	Orange	
X.	Matt grey plastic	Tap & knob	
Y.	Soft grey plastic	Cookwares	
Z.	Magenta plastic	Cookwares	
AA.	Bright white plastic	Knife	
AB.	Light blue plastic	Knife	
AC.	Dull white plastic	Plate	
AD.	Blue plastic	Tablewares	
AE.	Orange yellow plastic	Cup	
AF.	Matt black plastic	Oven	
AG.	Clear laminated multicolor printed white paper sticker	Paper sticker	
AH.	Soft white plastic sticker	Plastic sticker	
AI.	Flat black plastic	Tie of sunshade	
AJ.	Multicolor knitted fabric / black thread	Sunshade	
AK.	Soft black fabric	Rim of sunshade	
AL.	Off black webbing	Webbing	
AM.	Matt white hook & loop fastener sticker	Velcro	



RESULTS:

MIGRATION OF CERTAIN ELEMENTS (European Standard EN 71 Part 3: 2019)

Test Method : European Standard EN 71 Part 3: 2019, Section 9.

Class: Category III - Scraped off toy material

Analyte	Requirement (mg/kg)	Result (mg/kg)					
		Sample ID					
		AK.	AL.	AM.			
Aluminium (Al)	70000	13	12	3			
Arsenic (As)	47	LT 2	LT 2	LT 2			
Boron (B)	15000	LT 2	LT 2	LT 2			
Barium (Ba)	18750	12	5	LT 2			
Cadmium (Cd)	17	LT 2	LT 2	LT 2			
Cobalt (Co)	130	LT 2	LT 2	LT 2			
Chromium III (Cr III)	460	0.17	0.17	0.062			
Chromium VI (Cr VI)	0.053	#LT 0.0020	#LT 0.0020	#LT 0.0020			
Copper (Cu)	7700	8	7	LT 2			
Mercury (Hg)	94	LT 2	LT 2	LT 2			
Manganese (Mn)	15000	LT 2	LT 2	LT 2			
Nickel (Ni)	930	LT 2	LT 2	LT 2			
Lead (Pb)	23	LT 2	LT 2	LT 2			
Antimony (Sb)	560	LT 2	LT 2	LT 2			
Selenium (Se)	460	LT 2	LT 2	LT 2			
Tin (Sn)	180000	LT 2	LT 2	LT 2			
Organic tin	12	LT 2	LT 2	LT 2			
Strontium (Sr)	56000	LT 2	LT 2	LT 2			
Zinc (Zn)	46000	19	24	LT 2			
Mass of trace amount (gram)							
Conclusion		Pass	Pass	Pass			

mg/kg = milligrams per kilogram (ppm=parts per million)

* = Average of duplicate analysis

Organic tin = migration of total organic tin is expressed as tributyl tin cation content in mg/kg

= Verified results (see note)

LT = Less Than

FR = Failed Result

Remark: - Results of Cr III and Cr VI were reported as sum of soluble Chromium content unless specified.
 - Result(s) of organic tin was (were) calculated while assuming the tin content wholly contributed from tributyltin cation unless specified.

Note:

If soluble chromium content or soluble tin content exceeded the screening limits of soluble chromium (VI) or organic tin content, the results were verified by below method

- Chromium VI: EN71 part 3:2019, Annex F
- Organic tin: EN71 part 3:2019, Annex G by Gas Chromatography – Mass Spectroscopy analysis.



**BUREAU
VERITAS**

LIFETIME PLASTIC PRODUCTS LTD
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(*)RESULTS:



Sample Number
85193570656A1

END OF REPORT