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Approved Laboratory of The Woolmark Company

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Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

**Test Report**

Number: HKGH0183662402 S1

Applicant: HALILIT EXPORT [1974] LTD  
17 HAMIPAL ST  
OR-YEHUDA 60200  
ISRAEL

Date: Aug 04, 2015

Attn: EREZ FIEGANBOIM/MOSHE ZUR

*This is to supersede Report No.  
HKGH0183662402 dated Aug 04, 2015*

Submitted sample said to be  
Item Name  
Color

:  
: **Castanet**  
: **4 assorted colors**  
: **(1) Red**  
: **(2) Lime**  
: **(3) Blue**  
: **(4) Yellow**

Item No. : **305/ 303**  
Reference No. : MP305/ MP30536/ MP303/ MP30336  
Quantity : 24 pieces  
Labelled Age Group : "24M+"  
Packaging Provided : Yes  
Country of Origin : China + Israel

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

Angel Y.F. Cheung  
Vice President





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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) EN71-1 : 2014 - Mechanical and physical properties	Pass
(2) EN71-2 : 2011 + A1:2014 - Flammability test	Pass
(3) EN71-1 : 2014, clause 4.20 for Acoustics	Pass
(4) EN71-3 : 2013 + A1:2014 - Migration of certain elements	Pass
(5) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 835/2012 - Cadmium content requirement	Pass
(6) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) - Phthalates content	Pass
(7) Phthalate content	See details enclosed
(8) EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - TCEP, TCPP and TDCP content	Pass
(9) EU Commission Directive 2014/81/EU amending Appendix C of Annex II to Directive 2009/48/EC on the safety of toys - Bisphenol A migration content	Pass

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(1) Mechanical and Physical Test

Test standard: European Standard on Safety of toys EN71-1 : 2014

Age group for testing : Ages over 24 months.

The submitted samples were undergone the following abuse tests:	
<u>Clause</u>	<u>Testing items</u>
8.3	Torque test ( 0.34 Nm )
8.4.2.1	Tension test ( 90 N )
8.5	Drop test ( 850 mm x 5 )
8.7	Impact test (1 kg)
8.8	Compression test ( 110 N )

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	P
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	





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Clause	Testing items	Assessment
5.1	General requirements for children under 36 months	P
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	P
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA
5.9	Toys comprising 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
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	NA
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

Remark : P = Pass

NA = Not Applicable

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Note: The submitted samples were undergone the abuse tests for Clause 5.1 in according to 8.3 (Torque test), 8.4 (Tension test), 8.5 (Drop test), 8.7 (Impact test), 8.8 (Compression test) and specific tests for different types of toys whichever applicable.

Remark :

Below are additional information according to the Toy Safety Directive 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys or packagings shall also bear the CE-marking.

After checking, it was found that:

	Toy	Packaging
Manufacturer's name	Absent	Present
Manufacturer's address	Absent	Present
Importer's name	Absent	Present
Importer's address	Absent	Present
Product identification code	Absent	Present
CE-marking	Absent	Present

2. Cleaning instruction

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provided instructions on how the toy has to be cleaned.

After checking, the cleaning instruction was found on the submitted samples.

Date sample received : Jul 22, 2015 and Jul 30, 2015  
Testing period : Jul 22, 2015 to Jul 24, 2015 and Jul 31, 2015

(2) Flammability Test

Test Standard : European Standard on Safety of Toys EN71-2:2011 + A1:2014

Clause	Testing items	Assessment
4.1	General	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft filled toys	NA

Remark : P = Pass

NA= Not applicable

Date sample received : Jul 22, 2015  
Testing period : Jul 22, 2015 to Jul 24, 2015

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(3) Sound producing toys test

Test Standard : European Standard on Safety of toys EN71-1 : 2014, clause 4.20 for Acoustics.

Section	Test item	Assessment
4.20.2.1	Close-to-the-ear toys	NA
4.20.2.2	Toys that can be confused with a close-to-the-ear toy	NA
4.20.2.3	Table-top toys	NA
4.20.2.4	Hand-held toys	NA
4.20.2.5	Toys using headphones or earphones	NA
4.20.2.6	Rattles	NA
4.20.2.7	Squeeze toys	NA
4.20.2.8	Pull-along or push toys	NA
4.20.2.9	Percussion toys	P
4.20.2.10	Wind toys	NA
4.20.2.11	Cap-firing toys	NA
4.20.2.12	Voice toys	NA

Remark : P = Pass      NA = Not applicable

Measured data:

Tested component	A weighted time-averaged emission sound pressure level (Aeq)	Limit (dB)
Castanet	74.1	85

Tested component	C-weighted emission peak sound pressure level (Cpk)	Limit (dB)
Castanet	120.6	130

Date sample received : Jul 22, 2015  
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(4) 19 Toxic Element Migration Test

Test Standard : EN71-3:2013 + A1:2014

Category (III): Scraped-off toy material

Element	Result (mg/kg)			Limit (mg/kg)
	(1)	(2)	(3)	
Aluminium (Al)	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	<10	<10	<10	460
Chromium (VI) (Cr VI) **	< 0.1	< 0.1	< 0.1	0.2
Cobalt (Co)	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	180000
Organic tin **	< 2.0	< 2.0	< 2.0	12
Zinc (Zn)	< 100	< 100	< 100	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(4)	(5)	(6)	
Aluminium (Al)	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	<10	<10	<10	460
Chromium (VI) (Cr VI) **	< 0.1	< 0.1	< 0.1	0.2
Cobalt (Co)	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	180000
Organic tin **	< 2.0	< 2.0	< 2.0	12
Zinc (Zn)	< 100	1500	1300	46000

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Remark : mg/kg = milligram per kilogram

\*\* = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

- Organic tin test result was expressed as tributyl tin.

- As per General Court of the European Union Judgment in Case T-198/12 dated 14 May 2014, the General Court confirmed that Germany could maintain its limit value for Lead(Pb)(90mg/kg) in toys but not for Antimony (Sb), Arsenic (As), Mercury (Hg) and Barium (Ba).

Tested Components :

- (1) Red plastic (body of castanet).
- (2) Yellow plastic (body of castanet).
- (3) Blue plastic (body of castanet).
- (4) Light green plastic (body of castanet).
- (5) Dull black plastic (inner part of elastic string).
- (6) Purple fabric (covering of elastic string).

Date sample received : Jul 22, 2015

Testing period : Jul 22, 2015 to Jul 25, 2015

(5) Cadmium (Cd) Content

Test Method : Cadmium content requirement in Commission Regulation (EU) No. 835/2012 amending Annex XVII Item 23 of the REACH Regulation (EC) No. 1907/2006, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result (% w/w)
(1/2/3)	ND
(4/5)	ND

Limit:

Category	Limit (%)
Wet paint	Not permitted
Surface coating	0.1
Plastic	0.01
Metal parts of jewelry & hair accessories	0.01

ND = Not detected (< 0.0005%)

Tested Components :

- (1) Red plastic (body of castanet).
- (2) Yellow plastic (body of castanet).
- (3) Blue plastic (body of castanet).
- (4) Light green plastic (body of castanet).
- (5) Dull black plastic (inner part of elastic string).

Date sample received : Jul 22, 2015

Testing period : Jul 22, 2015 to Jul 25, 2015

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(6) Phthalate Content Test

Test Method : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compounds	Result (% w/w)		Limit (% w/w) (max.)
	(1/2/3)	(4/5)	
Dibutyl phthalate (DBP)	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	0.1
Di-iso-nonyl phthalate (DINP)	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--
Di-iso-decyl phthalate (DIDP)	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	<0.01	<0.01	0.1

Remark : The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) for phthalate content in toys and childcare articles.

Tested components :

- (1) Red plastic (body of castanet).
- (2) Yellow plastic (body of castanet).
- (3) Blue plastic (body of castanet).
- (4) Light green plastic (body of castanet).
- (5) Dull black plastic (inner part of elastic string).

Date sample received : Jul 22, 2015  
 Testing period : Jul 22, 2015 to Jul 26, 2015

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(7) Phthalate Content Test

Test method: By solvent extraction, followed by Gas Chromatographic-Mass Spectrometric (GC-MS) Analysis.

Compounds	Result (% w/w)	
	(1/2/3)	(4/5)
Dipentyl phthalate (DPP)	<0.01	<0.01
Diisobutyl phthalate (DIBP)	<0.01	<0.01
Bis (2-methoxyethyl) phthalate (BMEP)	<0.01	<0.01
Diisopentylphthalate (DIPP)	<0.01	<0.01
N-pentyl-isopentylphthalate (PIPP)	<0.01	<0.01
Di-n-hexyl phthalate (DnHP)	<0.01	<0.01
1,2-Benzenedicarboxylic acid, dihexyl ester, branched and linear	<0.01	<0.01
1,2-Benzenedicarboxylic acid, di-C6-8-branched alkyl esters, C7-rich (DIHP)	<0.01	<0.01
1,2-Benzenedicarboxylic acid, di-C7-11-branched and linear alkyl esters (DHNUP)	<0.01	<0.01
1,2-Benzenedicarboxylic acid, dipentylester, branched and linear	<0.01	<0.01
Dicyclohexyl phthalate (DCHP)	<0.01	<0.01
Diisooctyl phthalate (DIOP)	<0.01	<0.01

Tested components :

- (1) Red plastic (body of castanet).
- (2) Yellow plastic (body of castanet).
- (3) Blue plastic (body of castanet).
- (4) Light green plastic (body of castanet).
- (5) Dull black plastic (inner part of elastic string).

Date sample received : Jul 22, 2015  
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(8) Flame retardants (TCEP, TCPP, TDCP) Content

Test method: By solvent extraction and determined by Gas Chromatographic - Mass Spectrometry (GC/MS).

Compound	Result in mg/kg						Limit in mg/kg
	(1)	(2)	(3)	(4)	(5)	(6)	
Tris(2-chloroethyl) phosphate (TCEP)	< 1	< 1	< 1	< 1	< 1	< 1	5
Tris(1-chloro-2-propyl) phosphate (TCPP)	< 1	< 1	< 1	< 1	< 1	< 1	5
Tris(2-chloro-1-(chloromethyl)ethyl) phosphate (TDCP)	< 1	< 1	< 1	< 1	< 1	< 1	5

Remark : mg/kg = milligram per kilogram

The above limit was quoted according to EU Commission Directive 2014/79/EU amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards TCEP, TCPP and TDCP

Tested components :

- (1) Red plastic (body of castanet).
- (2) Yellow plastic (body of castanet).
- (3) Blue plastic (body of castanet).
- (4) Light green plastic (body of castanet).
- (5) Dull black plastic (inner part of elastic string).
- (6) Purple fabric (covering of elastic string).

Date sample received : Jul 22, 2015

Testing period : Jul 22, 2015 to Jul 29, 2015

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(9) Bisphenol A (BPA) Migration Content

Test Standard : EN71 Part 10 and 11.

Tested Component	Result in mg/l	Limit in mg/l
(1/2/3)	<0.01	0.1
(4/5)	<0.01	0.1

Remark : mg/l = milligram per liter

The above limit was quoted according to EU Commission Directive 2014/81/EU amending Appendix C of Annex II to Directive 2009/48/EC of the European Parliament and of the Council on the safety of toys, as regards Bisphenol A

Tested components :

- (1) Red plastic (body of castanet).
- (2) Yellow plastic (body of castanet).
- (3) Blue plastic (body of castanet).
- (4) Light green plastic (body of castanet).
- (5) Dull black plastic (inner part of elastic string).
- (6) Purple fabric (covering of elastic string).

Date sample received : Jul 22, 2015

Testing period : Jul 22, 2015 to Jul 29, 2015

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End of report

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