

TEST REPORT

Mechanical & Hardgoods Lab

Report No : HY/2013/A0309

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Date : 2013/11/04

ACTIVE PEOPLE SA

Bottmingerstr. 59
4102 Binningen

The following merchandise was submitted & identified by the applicant as:

Sample description and function: 2 kinds of light ball, cover with soft plastic and include electric mechanism inside, when press the ball it will flash

Packaging/Type: Yes/ carton

Instructions for use/assembly: Yes

Product identification name: Going magic light ball, Going swing

Style/Item No: 51110, 51210

Manufacturer/Vendor: Shiny year Ent co., Ltd.

Country of Origin: Made in China

Labeled Age Grading: ages 6+

Requested Age Grading: 6+

Age Group Assessed As Per Age Guideline: 36 months

Age Group Applied in Testing: Ages 3 and up

Sample receiving Date: 2013/10/23

Testing Period: 2013/10/24 – 11/01

We have tested the submitted sample(s) as requested and the following results were obtained:

<u>Test Requested</u>	<u>Result</u>
- EN 71 Part 1:2011 – Mechanical and Physical Properties (Excluding Clause 7.1 & 7.2)	<u>Pass</u>
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys	<u>See Result on page 2, 3</u>
- EN 71 Part 2:2011 – Flammability	<u>Pass</u>
- EN 71 Part 3:2013- Migration of Certain Elements	<u>Pass</u>

Signed for and on behalf of
SGS Taiwan Ltd.

Iris Huang
Asst. Manager



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Test Results:

European Standard – Safety of Toys: EN 71 Part 1:2011 – Mechanical and Physical Properties

Clause	Description	Result
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.10	Parts moving against each other	
	4.10.4 Springs	<u>Pass</u>
4.22	Small balls	<u>Pass</u>
5	Toys intended for children under 36 months	
5.1	General requirements	<u>See Remark</u>
	(Remark: There is a long cord on sample as received. Plastic component and plastic fragment become detached as small part after test. Therefore, item should be warned in accordance with clause 7.2.)	
7	Warnings, markings and instructions for use	
7.1	General	<u>Excluded</u>
7.2	Toys not intended for children under 36months	<u>Excluded</u>
	(Remark: In order to comply with the requirements of this clause, the toy or its packaging must be marked in the form of “Warning. Not suitable for children under 36 months. Small parts. Choking hazard. Long cord. Strangulation hazard”)	<u>See Remark</u>

Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys

Summary table:

	On product	On packaging
Washing/Cleaning instruction	Absent	Absent
CE mark	Absent	Present
Name & Address	Absent	Present
Product ID	Absent	Present

Washing/Cleaning Label Absent / See Remark

(Sub-content is extracted from the context of EN71 Part 1:2011)

(Remark: According to Directive 2009/48/EC the following safety requirements apply regarding cleaning and washing: A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The toy must fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer’s instructions. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.)

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CE mark, importer / manufacturer mark (name, address), product identification Present / See Remark
 (Sub-content is extracted from the context of EN71 Part 1:2011)

(Remark: Toys made available on the market must bear the CE marking. The CE marking must be subject to the general principles set out in Article 30 of Regulation (EC) No 765/2008. The CE marking must be affixed visibly, legibly and indelibly to the toy, to an affixed label or to the *packaging*. In the case of small toys and toys consisting of small parts, the CE marking may alternatively be affixed to a label or an accompanying leaflet. Where, in the case of toys sold in counter displays, that is not technically possible, and on condition that the counter display was originally used as *packaging* for the toy, the CE marking may be affixed to the counter display. Where the CE marking is not visible from outside the *packaging*, if any, it shall as a minimum be affixed to the *packaging*. Where specific legislation does not impose specific dimensions, the CE marking must be at least 5 mm high.

The manufacturer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its *packaging* or in a document accompanying the toy. This requirement applies also to the name and address etc. of any importer.

Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the *packaging* or in a document accompanying the toy.)

Observation Result:

CE marking was found on the carton and the height is 4, 8mm

Manufacturer's/importer name, address was found on the carton

Product identification 51110, 51210 were found on the carton

European Standard - Safety of Toys : EN 71 Part 2:2011 – Flammability

Clause	Description	Result
4	Requirements	
4.1	General requirements	<u>Pass</u>

N.B.: -Only applicable clauses were shown

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European Standard - Safety of Toys : EN 71 Part 3: 2013 - Migration of Certain Element Pass

Category III: Scrapped-off toy material

Method: With reference to EN 71 Part 3:2013. Analysis was performed by ICP-AES. Extractable Organic Tin was analyzed by GC-MS. Extractable Chromium III & Chromium VI were analyzed by LC-ICP-MS.

Test Item		Result(mg/kg)				MDL	Limit
		1~2	3	4	5	(mg/kg)	(mg/kg)
Soluble Aluminium	(Al)	N.D.	N.D.	N.D.	N.D.	50	70,000
Soluble Antimony	(Sb)	N.D.	N.D.	N.D.	N.D.	10	560
Soluble Arsenic	(As)	N.D.	N.D.	N.D.	N.D.	10	47
Soluble Barium	(Ba)	N.D.	N.D.	N.D.	N.D.	50	18,750
Soluble Boron	(B)	N.D.	N.D.	N.D.	N.D.	50	15,000
Soluble Cadmium	(Cd)	N.D.	N.D.	N.D.	N.D.	5	17
Soluble Cobalt	(Co)	N.D.	N.D.	N.D.	N.D.	10	130
Soluble Copper	(Cu)	N.D.	N.D.	N.D.	N.D.	50	7,700
Soluble Lead	(Pb)	N.D.	N.D.	N.D.	N.D.	10	160
Soluble Manganese	(Mn)	N.D.	N.D.	N.D.	N.D.	50	15,000
Soluble Mercury	(Hg)	N.D.	N.D.	N.D.	N.D.	10	94
Soluble Nickel	(Ni)	N.D.	N.D.	N.D.	N.D.	10	930
Soluble Selenium	(Se)	N.D.	N.D.	N.D.	N.D.	10	460
Soluble Strontium	(Sr)	N.D.	N.D.	N.D.	N.D.	50	56,000
Soluble Tin	(Sn)	N.D.	22.4	N.D.	6.99	4.9	180,000
Soluble Zinc	(Zn)	N.D.	N.D.	N.D.	N.D.	50	46,000
Soluble Chromium (III)	(Cr (III))	N.D.	N.D.	N.D.	N.D.	1	460
Soluble Chromium (VI)	(Cr (VI))	N.D.	N.D.	N.D.	N.D.	0.18	0.2
Soluble Organic Tin#	--	N.D.	N.D.	N.D.	N.D.	--	12

Remark: #

Test Item		Soluble Organic Tin Result(s)				MDL (mg/kg)
		1~2	3	4	5	
Methyl tin	(MeT)	N.D.	N.D.	N.D.	N.D.	0.5
Di-n-propyl tin	(DProT)	N.D.	N.D.	N.D.	N.D.	0.5
Butyl tin	(BuT)	N.D.	N.D.	N.D.	N.D.	0.5
Dibutyl tin	(DBT)	N.D.	N.D.	N.D.	N.D.	0.5
Tributyl tin	(TBT)	N.D.	N.D.	N.D.	N.D.	0.5
n-Octyl tin	(MOT)	N.D.	N.D.	N.D.	N.D.	0.5
Tetrabutyl tin	(TeBT)	N.D.	N.D.	N.D.	N.D.	0.5
Di-n-octyl tin	(DOT)	N.D.	N.D.	N.D.	N.D.	0.5
Diphenyl tin	(DPhT)	N.D.	N.D.	N.D.	N.D.	0.5
Triphenyl tin	(TPhT)	N.D.	N.D.	N.D.	N.D.	0.5

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Test Item		Result(mg/kg)			MDL (mg/kg)	Limit (mg/kg)
		6	7	8~11		
Soluble Aluminium	(Al)	23.2	171	N.D.	50	70,000
Soluble Antimony	(Sb)	N.D.	N.D.	N.D.	10	560
Soluble Arsenic	(As)	N.D.	N.D.	N.D.	10	47
Soluble Barium	(Ba)	N.D.	N.D.	N.D.	50	18,750
Soluble Boron	(B)	N.D.	N.D.	N.D.	50	15,000
Soluble Cadmium	(Cd)	N.D.	N.D.	N.D.	5	17
Soluble Cobalt	(Co)	N.D.	N.D.	N.D.	10	130
Soluble Copper	(Cu)	N.D.	N.D.	N.D.	50	7,700
Soluble Lead	(Pb)	N.D.	N.D.	N.D.	10	160
Soluble Manganese	(Mn)	N.D.	N.D.	N.D.	50	15,000
Soluble Mercury	(Hg)	N.D.	N.D.	N.D.	10	94
Soluble Nickel	(Ni)	N.D.	N.D.	N.D.	10	930
Soluble Selenium	(Se)	N.D.	N.D.	N.D.	10	460
Soluble Strontium	(Sr)	N.D.	N.D.	N.D.	50	56,000
Soluble Tin	(Sn)	N.D.	N.D.	N.D.	4.9	180,000
Soluble Zinc	(Zn)	N.D.	77.7	N.D.	50	46,000
Soluble Chromium (III)	(Cr (III))	N.D.	N.D.	N.D.	1	460
Soluble Chromium (VI)	(Cr (VI))	N.D.	N.D.	N.D.	0.18	0.2
Soluble Organic Tin#	--	N.D.	N.D.	N.D.	--	12

Remark: #

Test Item		Soluble Organic Tin Result(s)			MDL (mg/kg)
		6	7	8~11	
Methyl tin	(MeT)	N.D.	N.D.	N.D.	0.5
Di-n-propyl tin	(DProT)	N.D.	N.D.	N.D.	0.5
Butyl tin	(BuT)	N.D.	N.D.	N.D.	0.5
Dibutyl tin	(DBT)	N.D.	N.D.	N.D.	0.5
Tributyl tin	(TBT)	N.D.	N.D.	N.D.	0.5
n-Octyl tin	(MOT)	N.D.	N.D.	N.D.	0.5
Tetrabutyl tin	(TeBT)	N.D.	N.D.	N.D.	0.5
Di-n-octyl tin	(DOT)	N.D.	N.D.	N.D.	0.5
Diphenyl tin	(DPhT)	N.D.	N.D.	N.D.	0.5
Triphenyl tin	(TPhT)	N.D.	N.D.	N.D.	0.5

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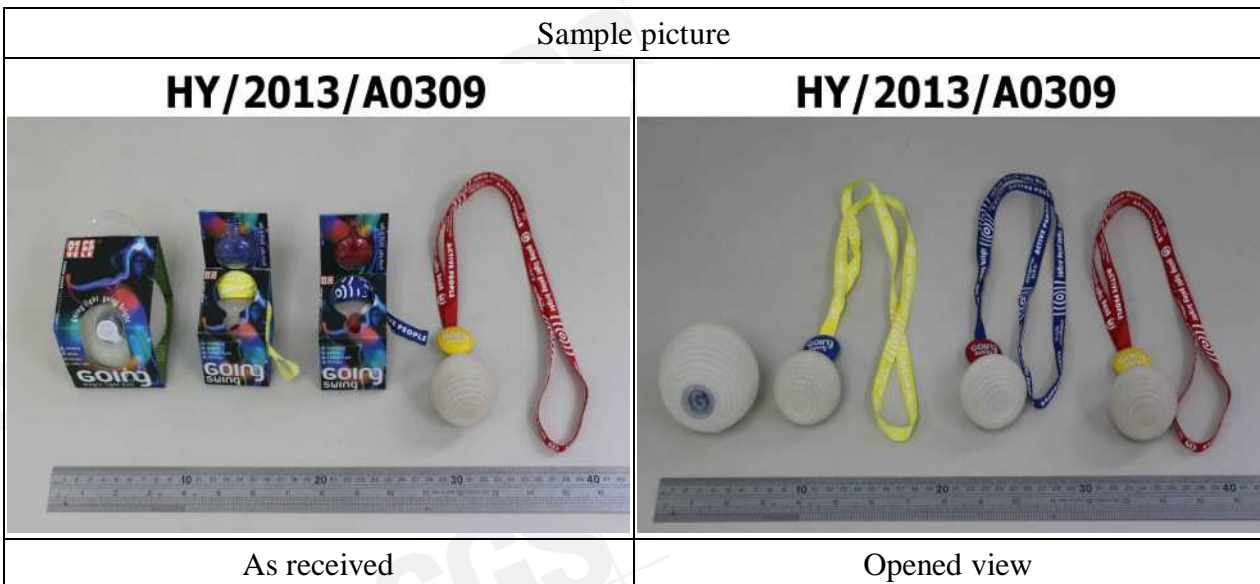
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Description:

1. Translucence soft plastic of sample. (cover of ball)
2. Transparent plastic of sample. (ball)
3. Translucence plastic of sample. (button)
4. Yellow plastic of sample. (buckle)
5. Red plastic of sample. (button)
6. Red strap of sample.
7. White coating of sample. (on strap)
8. Blue plastic of sample. (buckle)
9. Yellow strap of sample.
10. Red plastic of sample. (buckle)
11. Blue strap of sample.

NOTE:

1. mg/kg = ppm
2. N.D. = Not Detected
3. MDL =Method Detection Limit
4. "--" =Not Conducted



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Package information

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