



Test Report

No.: SHTY141200022357

Date: Jan 06, 2015

Page 1 of 4

DONGGUAN BORJAY ELECTRONICS LIMITED
BUILDING E2,NANSHAN 2ND INDUSTRY ZONE,YANTIAN,FENGGANG TOWN,DONGGUAN
CITY,523327,CHINA

The following samples were submitted and identified by/on behalf of the client as:
SILICONE JEWELRY

Sample Quantity	:	2 PCS
Labeled Age Grading	:	NOT STATED
Requested Age Grading	:	3+ MONTHS
Age Group Applied in Testing	:	3+ MONTHS
Sample Receiving Date	:	DEC 22, 2014
Resubmitted Sample Date	:	DEC 29, 2014
Further Information Date	:	JAN 04, 2015
Testing Period	:	DEC 22, 2014 TO JAN 06, 2015

<u>Test Requested</u>	<u>Result</u>
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This is not a toy, the test(s) was applied as per client request. There may be additional hazards and labeling requirements that are not covered by this standard:

EN 71-1:2014 – Safety of toys – Part 1: Mechanical and Physical Properties (excluding labeling requirements)	<u>Pass</u>
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EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability	<u>Pass</u>
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EN71-3:2013 under European Directive 2009/48/EC – Migration of certain elements	<u>Pass</u>
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(As per client’s request, only test the specific material selected by client)

***** FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) *****

Signed for and on behalf of
SGS-CSTC Ltd.

Wallace Lui
Senior Technical Manager, Asia

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Results:

EN 71-1:2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

AS SPECIFIED IN EN 71-1:2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
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>
4.11	Mouth-actuated toys and other toys intended to be put in the mouth	<u>Pass</u>
5	Toys intended for children under 36 months	
5.1	General requirements:	
5.1a	Small part requirement on toys & removable Components (Test method 8.2)	<u>Pass</u>
5.1b	Torque test (Test method 8.3)	<u>Pass</u>
	Tension test (Test method 8.4)	<u>Pass</u>
	Drop test (Test method 8.5)	<u>Pass</u>
	Impact test (Test method 8.7)	<u>Pass</u>
	Sharp edge (Test method 8.11)	<u>Pass</u>
	Sharp point (Test method 8.12)	<u>Pass</u>
5.4	Cords, chains and electrical cable in toys	<u>Pass</u>
5.8	Shape and size of certain toys	<u>Pass</u>
5.10	Small balls	<u>Pass</u>

EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

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

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EN71-3:2013 under European Directive 2009/48/EC-Migration of certain elements

Test Method : With reference to EN 71 Part 3:2013, analysis was performed by ICP-OES.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND
Soluble Lead (Pb)	160	mg/kg	10	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND
Soluble Arsenic (As)	47	mg/kg	10	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND
Soluble Selenium (Se)	460	mg/kg	10	ND
Soluble Boron (B)	15000	mg/kg	50	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND
Soluble Organic Tin*	12	mg/kg	-	ND

Notes :

- (1) Confirmation test of soluble chromium (III) & chromium (VI) is not required in case of soluble chromium does not exceed their requirements as specified in EN71-3: 2013.
- (2) *Confirmation test of soluble organic tin is not required in case of soluble tin, after conversion, does not exceed the soluble organic tin requirement as specified in EN71-3: 2013

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA14-244389.001	Black soft plastic

Remarks :

- (1) 1 mg/kg = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

N.B. : - Only applicable clauses were shown.

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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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