



Test Report

No.: SHTY141200021588-01

Date: Jan 16, 2015

Page 1 of 6

BESTWAY INFLATABLES & MATERIAL CORP.
NO. 3065 CAO AN ROAD, SHANGHAI, CHINA

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.: SHTY141200021588, DATE: JAN 09, 2015

The following samples were submitted and identified by/on behalf of the client as:
JUMBO WHALE RIDER

Sample Quantity	:	3 PCS
Style / Item No.	:	41009
Labeled Age Grading	:	3+
Requested Age Grading	:	3+
Age Group Assessed As Per Age Guideline	:	3+ YEARS
Age Group Applied in Testing	:	3+ YEARS
Sample Receiving Date	:	DEC 11, 2014
Further Information Date	:	DEC 15, 2014
Testing Period	:	DEC 11, 2014 TO JAN 09, 2015

<u>Test Requested</u>	<u>Result</u>
EN 71-1:2014 – Safety of toys – Part 1: Mechanical and Physical Properties	<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</u>
EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability	<u>Pass</u>
EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements	<u>Pass</u>

***** 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>
4.3	Flexible plastics sheeting	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
4.18	Aquatic toys and inflatable toys	<u>Pass</u>
7	Warnings, markings and instructions for use	
7.1	General Requirements Note: Please note that for assessing the visibility and legibility of warnings, CEN has introduced good practice in the informative Annex A.33 by addressing the following aspects: a) Emphasising the warning b) Contrast, background and colours c) Reflecting surfaces and obscuring material d) Font type e) Font size f) Logical direction of text For more details, see EN 71-1.	<u>Pass</u>
7.2	Toys not intended for children under 36 months (Remark: The toy contains small part. It is acceptable because appropriate warning is found on packaging.)	<u>Pass</u> <u>See Remark</u>
7.4	Aquatic toys	<u>Pass</u>

Only English warnings were checked for the clause 7. According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

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LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS

Summary table:

	Observation Result	Location
CE mark	Present	Toy/Packaging
Importer's Name & Address	Present	Toy/Packaging
Manufacturer's Name & Address	Present	Toy/Packaging
Product ID	Present	Toy/Packaging

Note:

1. According to Directive 2009/48/EC, 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 soaked. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer'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.
4. 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.

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:

Clause	Description	Result
4.1	General requirements	Pass

EN71-3:2013+A1:2014 under European Directive 2009/48/EC-Migration of certain elements

Test Method : With reference to EN71-3:2013+A1:2014, analysis was performed by ICP-OES. Soluble Organic Tin was analyzed by GC-MS.

Test Item(s)	Limit	Unit	MDL	001	002	003
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	71	140
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND

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Test Report

No.: SHTY141200021588-01

Date: Jan 16, 2015

Page 4 of 6

Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	251	395
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	990	1728
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	004	005	006
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	354
Soluble Zinc (Zn)	46000	mg/kg	50	82	108	63
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	434	805	318
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND

Test Item(s)	Limit	Unit	MDL	007	008	009
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	57	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	163	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	880	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	ND	ND	ND
Soluble Organic Tin*	12	mg/kg	-	ND	ND	ND

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<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>010</u>	<u>011</u>
Soluble Chromium (VI)	0.2	mg/kg	0.18	ND	ND
Soluble Lead (Pb)	160	mg/kg	10	ND	ND
Soluble Antimony (Sb)	560	mg/kg	10	ND	ND
Soluble Arsenic (As)	47	mg/kg	10	ND	ND
Soluble Barium (Ba)	18750	mg/kg	50	ND	ND
Soluble Cadmium (Cd)	17	mg/kg	10	ND	ND
Soluble Chromium (III) (Cr III)	460	mg/kg	5	ND	ND
Soluble Mercury (Hg)	94	mg/kg	10	ND	ND
Soluble Selenium (Se)	460	mg/kg	10	ND	ND
Soluble Boron (B)	15000	mg/kg	50	ND	ND
Soluble Cobalt (Co)	130	mg/kg	10	ND	ND
Soluble Manganese (Mn)	15000	mg/kg	50	ND	ND
Soluble Strontium (Sr)	56000	mg/kg	50	ND	ND
Soluble Zinc (Zn)	46000	mg/kg	50	ND	ND
Soluble Copper (Cu)	7700	mg/kg	50	ND	ND
Soluble Aluminum (Al)	70000	mg/kg	50	ND	ND
Soluble Nickel (Ni)	930	mg/kg	10	ND	ND
Soluble Tin (Sn)	180000	mg/kg	4.9	7.4	24.9
^Methyl tin (MeT)	-	mg/kg	0.5	2.7	2.3
^Di-n-propyl tin (DProT)	-	mg/kg	0.5	ND	ND
^Dibutyl tin (DBT)	-	mg/kg	0.5	ND	ND
^Tributyl tin (TBT)	-	mg/kg	0.5	ND	ND
^n-Octyl tin (MOT)	-	mg/kg	0.5	ND	ND
^Tetrabutyl tin (TeBT)	-	mg/kg	0.5	ND	ND
^Diphenyl tin (DPhT)	-	mg/kg	0.5	ND	ND
^Di-n-octyl tin (DOT)	-	mg/kg	0.5	ND	ND
^Triphenyl tin (TPhT)	-	mg/kg	0.5	ND	ND
^Butyl tin (BuT)	-	mg/kg	0.5	ND	ND
Sum of Soluble Organic Tin	12	mg/kg	-	2.7	2.3

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+A1:2014.
- (2) Mass of trace amount of sample 004 is 31.9mg, sample 005 is 37.5mg, sample 006 is 25.5mg, sample 007 is 42.0mg.
- (3) ^ means the Organic Tin specified in EN71-3:2013+A1:2014 and it is analyzed by GC-MS
- (4) *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+A1:2014

Test Part Description :

Specimen No.	SGS Sample ID	Description
SN1	SHA15-000197.001	Translucent repair paster
SN2	SHA15-000197.002	Multi-colored coating(Warning on body)
SN3	SHA15-000197.003	White coating(On body)
SN4	SHA15-000197.004	Black coating(On body)
SN5	SHA15-000197.005	Pink coating(On body)
SN6	SHA15-000197.006	Dull red coating(On body)

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Test Report

No.: SHTY141200021588-01

Date: Jan 16, 2015

Page 6 of 6

SN7	SHA15-000197.007	Light green coating(Eye)
SN8	SHA15-000197.008	Black soft plastic film(Body)
SN9	SHA15-000197.009	White soft plastic film(Body)
SN10	SHA15-000197.010	White plastic(Handle)
SN11	SHA15-000197.011	Translucent light blue soft plastic(Valve)

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.

Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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