



Product Technology Service

Report No.: TS2015020801-2-2

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Test Report

Testing institute : Product Technology Service (Ningbo) Co., Ltd.
6&7F, 59#, Huayu Road,
Yinzhou District, Ningbo 315192 P.R.China

Applicant : YiWu Sudo Arts&Crafts Co.,Ltd
No.40 2nd-Golden Area,XiaLuoZhai,Mall Av.,YiWu City,ZheJiang
Province,China,322000

Destination countries : Czech

Product name : Beach ball

Item No. : SDB001


Sample Description : /

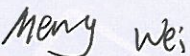
Material : /

Sample receive date : Feb.08,2015
Completes date : Feb.11,2015

Testing location : Product Technology Service (Ningbo) Co., Ltd.

Test Requested : 6 Phthalates


Originator:
Danyan Wang


Report Verifier:
Meng Wei



Ningbo, Feb.11,2015

The test results exclusively refer to the samples examined. This report shall not be reproduced except in full without written approval and does not authorize the use of Product Technology Service (Ningbo) Co., Ltd. label. The report is invalid without signature and seal of Product Technology Service (Ningbo) Co., Ltd.

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Product name

No.	Name	Part No.	Part Name
1	Beach ball	1-1	Transparent valve

Test specification : 6 Phthalates

Test method : US EPA 3540C:1996 and US EPA 8270D:2007. Solvent extraction and quantification by gas chromatography-mass selective detector (GC-MS)

Requirement : Regulation(EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC)

Product name: 1-1. Transparent valve				
Phthalates	CAS No.	Requirement	Result	Conclusion
Dibutyl phthalate (DBP)	84-74-2	--	ND	--
Butyl benzyl phthalate (BBP)	85-68-7	--	ND	--
Di-2-ethylhexyl phthalate (DEHP)	117-81-7	--	ND	--
Sum(DBP, BBP and DEHP)	--	0.1%	ND	Pass
Di- <i>n</i> -octyl phthalate (DNOP)	117-84-0	--	ND	--
Di- <i>iso</i> -nonyl phthalate (DINP)	28553-12-0/68515-48-0	--	ND	--
Di- <i>iso</i> -decyl phthalate (DIDP)	26761-40-0/68515-49-1	--	ND	--
Sum(DNOP, DINP and DIDP)	--	0.1%	ND	Pass

ND : Not Detected, less than 0.005%.

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
GC-MS	Agilent Technologies	GC (7890)-MS (5975C)

Sample photo(s), see annex 1

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ANNEX 1

Sample photos, Consists of 1 page



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Beach ball

Declaration of conformity

In accordance with the following Applicable Directives:

The safety of toys directive 2009/48/EC

The device, as described herewith, was tested pursuant to applicable test procedure and complies with the requirements of:

EN71 - Part1: 2011+A3: 2014 Mechanical and Physical Properties

EN71 - Part2: 2011+A1:2014 Flammability

EN71 - Part3: 1994 + A1:2000+ AC:2002 - Migration of certain elements

Applicant : YiWu Sudo Arts&Crafts Co.,Ltd.
No.40 2nd-Golden Area, XiaLuoZhai, Mall Av., YiWu City, ZheJiang Province,
China, 322000

Destination countries: Czech

Product name: Beach ball

Item No.: SDB001

Report No.: TS2015020801-1

The tests were performed in normal operation mode. The test results apply only to the particular sample tested and to the specific tests carried out.

This declaration applies specifically to the sample investigated in our test reference number only.

This CE marking as shown below can be affixed on the product after preparation of necessary technical documentation.

Other relevant Directives have to be observed.

Testing institute:

Product Technology Service (Ningbo) Co., Ltd.
6&7F, 59#, Huayu Road,
Yinzhou District, Ningbo 315192 P.R. China

CE



Date of Issue:Feb.11,2015

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Testing institute : Product Technology Service (Ningbo) Co., Ltd.
6&7F, 59#, Huayu Road,
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Applicant : YiWu Sudo Arts&Crafts Co.,Ltd.
No.40 2nd-Golden Area, XiaLuoZhai, Mall Av., YiWu City, ZheJiang Province,
China, 322000

Destination countries : Czech

Product name : Beach ball

Item No. : SDB001

Sample Description : /

Material : /

Sample receive date : Feb.08,2015
Completes date : Feb.11,2015

Testing location : Product Technology Service (Ningbo) Co., Ltd.

Test specification(s) : 1.EN71-Part1: 2011+A3:2014 Mechanical and Physical Properties
2.EN71-Part2: 2011+A1:2014 Flammability
3.EN71-Part3:1994 + A1:2000+ AC:2002 - Migration of certain elements

Conclusion : Pass

Danyan Wang
Originator:
Danyan Wang

Jifei Xu
Report Verifier:
Jifei Xu



Ningbo, Feb.11,2015

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Product name

No.	Name	Part No.	Part Name
1	Beach ball	1-1	Yellow PVC part
		1-2	White PVC part
		1-3	Transparent valve

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1. EN71 - Part1: Mechanical and Physical Properties

Test specification : EN71–Part1: 2011+A3:2014 Mechanical and Physical Properties
Test item(s) : See below
Requirement : See below
Labeled age grading : Not stated
Applicant's specified age group for testing : 3+ years
Age grading for test : Over 3 years

Test Results

Clause

Assessment

4. General requirements

4.1 Material	<u>Pass</u>
4.3 Flexible plastic sheeting	<u>Pass</u>
4.7 Edges	<u>Pass</u>
4.8 Points and wires	<u>Pass</u>
4.18 Aquatic toys and inflatable toys	<u>Pass</u>

7. Warnings, markings and instructions for use

Tracking information [CE mark, importer / manufacturer mark (name, address), product identification] See Remark.

(REMARK: It is drawn to your attention that the product identification number, name and address of manufacturer and importer in EEC country together with CE-marking should appear as specified in Directive-2009/48/EC-Safety of toys)

Remark:

N.B.: Only applicable clauses were shown.



2. EN71 - Part2: Flammability

Test specification : EN71–Part2: 2011+A1:2014 Flammability
Test item : See below
Requirement : See below

Test Results

Clause

Assessment

4.1 General

Pass

---- The following materials shall not be used in the manufacture of toys
Cellulose nitrate and materials with the same behaviour in fire
Materials with a piled surface which produce surface flash on the approach of a flame

---- Toys shall not contain flammable gases, flammable liquids and flammable solids

Remark :

N.B.: Only applicable clauses were shown.

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
Flammability tester-EN71	Tonny	TNC14



3. EN71 – Part 3: 1994 + A1:2000+ AC: 2002 - Migration of certain elements

Test method : EN71 – Part 3: 1994 + A1:2000+ AC:2002 - Migration of certain elements

Test item : See below

Requirement : See below

Test Results

Part 3 of EN 71 is only applicable for toys or parts of toys - under consideration of a foreseeable and reasonable use - which based on their function, mass, height or other properties will be put into the child's mouth or if there is a foreseeable possibility of sucking and swallowing toys or part of toys.

Analysis results:

As per European Standard on Safety of Toys EN 71 Part 3: 1994 + A1+ AC, soluble toxic element contents are determined by Inductively Coupled Plasma – Optical Emission Spectrometry.

Detection limit : 2mg/kg for each of the 8 toxic elements

Test Product No.	Testing element	Sol. Sb	Sol. As	Sol. Ba	Sol. Cd	Sol. Cr	Sol. Pb	Sol. Hg	Sol. Se	Conclusion
	Requirement [mg/kg]	60	25	1000	75	60	90	60	500	
1-1	--	<2	<2	7	<2	<2	<2	<2	<2	Pass
1-2	--	<2	<2	7	<2	<2	<2	<2	<2	Pass
1-3	--	<2	<2	<2	<2	<2	<2	<2	<2	Pass

Remark:

* = The analytical results were adjusted by subtracting analytical correction factor

< = Less than

mg/kg = Milligram per kilogram based on dry weight

Sol. = Soluble

Main test instruments used for this method:

Instrument	Manufactory	Model / Type
ICP-OES	PerkinElmer	5300DV

Sample photo(s), see annex 1

---END---

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ANNEX 1

Sample photos, Consists of 1 page



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