



Test Report

Number: SZHH00691072

Applicant: TRADE WAY
121351, RUSSIA ,MOSCOW, YARTSEVSKAYA
ST,4-20

Date: May 16, 2012

Attn: BOCISOVA ALLA EDUARDOVAN

Sample Description:

Four (4) pieces of submitted sample said to be :

Item Name : **Inflatable Rings For Infant With Marking Baby Swimmer.**
Item No. : **BS01R,BS01Y,BS01B,BS01G,BS01O,BS01F,BS01P,BS01C,BS01T,BS01D,BS02R,BS02Y,BS02B,BS02G,BS02O,BS02F,BS02P,BS02C,BS02T,BS02D,BS01R-B,BS01Y-B,BS01B-B,BS01G-B,BS01O-B,BS01F-B,BS01P-B,BS01C-B,BS01T-B,BS01D-B,BS02R-B,BS02Y-B,BS02B-B,BS02G-B,BS02O-B,BS02F-B,BS02P-B,BS02C-B,BS02T-B,BS02D-B.**

Labelled Age Group : Not Specified.

Packaging Provided by Applicant : No.

Vendor : Shenzhen Fanrefond Plastic Products Co.,Ltd.

Buyer : Trade Way.

Country of Origin : China.



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Ben N.L. Lin
General Manager



Test Report

Number: SZHH00691072

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted samples	EN71-3 : 1994 and amendment A1 : 2000 and AC : 2002 for toxic elements test	Pass
	EN71-9 : 2005 and amendment A1 : 2007 on solvent migration requirement	Pass
	EN71-9 : 2005 and amendment A1 : 2007 on monomers migration requirement	Pass
	EN71-9 : 2005 and amendment A1 : 2007 on plasticizer migration requirement	Pass

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Shenzhen Ltd.



Ben N.L. Lin
General Manager



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Tests Conducted

1 Toxic Elements Analysis

As per European Standard on Safety of toys EN71-3 : 1994 and amendment A1 : 2000 and AC : 2002, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (mg/kg)</u> <u>(1-3)</u>	<u>Limit</u> <u>(mg/kg)</u>
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Sol. = Soluble
< = Less than
mg/kg = milligram per kilogram

Tested components :

- (1) Transparent blue plastic (swim ring of both styles).
- (2) Transparent plastic (valve of both styles).
- (3) White velcro (velcro of both styles).

Date sample received : Apr 28, 2012
Testing period : Apr 28, 2012 to May 05, 2012



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Tests Conducted

2 Solvent Migration

As per EN71 Part 10 and 11.

<u>Compound</u>	<u>Result (mg/L)</u>	<u>Limit (mg/L)</u>
Trichloroethylene	<0.02	0.02 (max.)
Dichloromethane	<0.03	0.06 (max.)
Methanol	<0.5	5 (max.)
Nitrobenzene	<0.02	0.02 (max.)
Cyclohexanone	<0.5	46 (max.)
3,5,5-trimethyl-2-cyclohexane-1-one	<0.5	3 (max.)
Toluene	<0.5	2 (max.)
Ethylbenzene	<0.5	1 (max.)
Xylene (all isomers)	<0.5	2 (total) (max.)
Sum of (2-methoxyethyl acetate, 2-ethoxyethanol, 2-ethoxyethyl acetate, bis (2- methoxyethyl) ether, 2-methoxypropyl acetate	<0.3	0.5 (total) (max.)

< = Less than

Tested component : Transparent blue plastic (swim ring of both styles).

Date sample received : Apr 28, 2012
Testing period : Apr 28, 2012 to May 09, 2012

3 Monomers Migration

As per EN71 Part 10 and 11.

<u>Compound</u>	<u>Result (mg/L)</u>	<u>Limit (mg/L)</u>
Acrylamide	<0.02	0.02 (max.)
Bisphenol A	<0.05	0.1 (max.)
Formaldehyde	<0.5	2.5 (max.)
Phenol	<5	15 (max.)
Styrene	<0.2	0.75 (max.)

< = Less than

Tested component : Transparent blue plastic (swim ring of both styles).

Date sample received : Apr 28, 2012
Testing period : Apr 28, 2012 to May 09, 2012



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Tests Conducted

4 Plasticizer Migration

As per EN71 Part 10 and 11.

<u>Compound</u>	<u>Result (mg/L)</u>	<u>Limit (mg/L)</u>
Triphenyl phosphate	<0.03	0.03 (max.)
Tri-o-cresyl phosphate	<0.03	0.03 (max.)
Tri-m-cresyl phosphate	<0.03	0.03 (max.)
Tri-p-cresyl phosphate	<0.03	0.03 (max.)

< = Less than

Tested component : Transparent blue plastic (swim ring of both styles).

Date sample received : Apr 28, 2012

Testing period : Apr 28, 2012 to May 09, 2012

End of report



Test Report

Number: SZHH00685810

Applicant: TRADE WAY
121351, RUSSIA ,MOSCOW, YARTSEVSKAYA
ST,4-20

Date: May 23, 2012

Attn: BORISOVA ALLA EDUARDOVAN

Sample Description:

Four (4) pieces of submitted sample said to be :

Item Name : **Inflatable Rings For Infant With Marking Baby Swimmer.**
Item No. : **BS01R,BS01Y,BS01B,BS01G,BS01O,BS01F,BS01P,BS01C,BS01T,BS01D,B
S02R,BS02Y,BS02B,BS02G,BS02O,BS02F,BS02P,BS02C,BS02T,BS02D,BS
01R-B,BS01Y-B,BS01B-B,BS01G-B,BS01O-B,BS01F-B,BS01P-B,BS01C-
B,BS01T-B,BS01D-B,BS02R-B,BS02Y-B,BS02B-B,BS02G-B,BS02O-
B,BS02F-B,BS02P-B,BS02C-B,BS02T-B,BS02D-B.**

Labelled Age Group : Not Specified.

Packaging Provided by : No.

Applicant

Vendor : Shenzhen Fanrefond Plastic Products Co.,Ltd.

Buyer : Trade Way.

Country of Origin : China.



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Ben N.L. Lin
General Manager



Test Report

Number: SZHH00685810

Conclusion:

Tested samples
Submitted samples

Standard
EN71-1 : 2011
for mechanical and physical properties
excluding labelling requirement of clause 7

Result
See remark

EN71 Part 2 : 2011
Flammability test

See remark

Remark :

The submitted samples were examined not toys and were not subjected to the scope of the European standard of toys EN71. However, as requested by the applicant, the submitted samples were assessed under the requirement of EN71 part 1,part 2 and part 3, and the result met the requirement of the standard.

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.



Ben N.L. Lin
General Manager



Test Report

Number: SZHH00685810

Tests Conducted

1 Mechanical and Physical Test

With reference to European Standard on Safety of toys EN71-1 : 2011.

Applicant's specified age group for testing : For ages 0 to 3 years.

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4*	General requirements	P
5*	Toys intended for children under 36 months	P
6	Packaging	NA
7	Warnings, markings and instructions for use	#

Remark : P = Pass NA = Not Applicable

* = The following subclauses of Clause 4 and 5 (note) of the standard were applicable : -

- 1) 4.1 Material cleanliness.
- 2) 4.3 Flexible plastic sheeting
- 3) 4.7 Edges
- 4) 4.8 Points and metallic wires
- 5) 4.15.4 Toys not propelled by a child
- 6) 4.18 Aquatic toys and inflatable toys
- 7) 5.1 General requirements

Note : The submitted samples were undergone the abuse tests for Clause 5.1 and 5.2 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.

= The testing scope of European standard on safety of toy EN71 was not applicable to the submitted samples. Therefore, the warning and other requirements specified in clause 7 did not apply.

Date sample received : Apr 28, 2012 & May 21, 2012
Testing period : Apr 28, 2012 to May 22, 2012

2 Flammability Test

With reference to European Standard on Safety of Toys EN71-2:2011

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
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 : Apr 28, 2012
Testing period : Apr 28, 2012 to May 08, 2012

End of report