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**TEST REPORT**

Number: BKKH10044635

Applicant: BALLS R US CO., LTD.  
3/6 MOO 9 PHUTHAMONTHON 7 ROAD,  
TA-TALARD, SAMPRAN, NAKORNPATHOM 73110  
ATTN: K.NAWARAT

Date: Aug 02, 2010

**Sample description:**

One (1) piece of submitted sample said to be PT-5

Item name:	PT-5
Goods exported to:	World Wide
Country of origin:	Canada
Date sample received:	July 05, 2010
Date sample resubmitted:	July 23, 2010



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**Tests conducted:**

As requested by the applicant, for details please refer to attached pages.

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To be continued :

Authorized by :  
For Intertek Testing Services (Thailand)

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Phanit Hitapong  
Division Manager  
Toys & Hardlines Division



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## Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample	EN71 Part 1 : 2005 + A9 : 2009 Excluding clause 7	Pass
	EN71 Part 2 : 2006 + A1 : 2007	Pass
	EN71 Part 3 : 1994 with the Incorporation of amendment A1:2000 and AC:2002	Pass
	Phthalates content requirement in Annex XVII items 51 & 52 of the Reach Regulation (EC) no. 1907/2006 (formerly known as directive 2005/84/EC)	Pass

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# TEST REPORT

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Test conducted:

## 1 Mechanical and Physical Tests

As per European Standard on safety of toys EN71 Part 1 : 2005 + A9 : 2009.

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

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

Remark: P = Pass      NA = Not applicable

\* = The following sub clauses of clause 4 of the standard were applicable: -

- 1) 4.1 Cleanliness visual examination.
- 2) 4.7 Edges.
- 3) 4.8 Points and metallic wires.

# = The applicant certified that the name and address of the importer in EEC together with a CE-marking as specified in clause 7.1, and the advice statement of keeping relevant information of the toy would be labelled on its final package.

Testing period: July 05, 2010 to July 27, 2010

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## TEST REPORT

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Test conducted:

### 2 Flammability Test

As per European Standard on safety of toys EN71 Part 2 : 2006 + A1 : 2007.

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	General	P
4.2	Toys to be worn on the head which include beards, moustaches, wigs etc made from hair, pile or material with similar features, molded and fabric masks, and flowing material attached to hats, masks etc.	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 (animals and dolls etc) with a piled or textile surface	NA

Remark: P = Pass      NA = Not applicable

Testing period:      July 05, 2010 to July 27, 2010

### 3 Toxic elements analysis

As per European Standard on safety of toys EN71 Part 3 : 1994 with the incorporation of amendment A1 : 2000 and AC : 2002, toxic elements migration were determined by Inductively Couple Plasma Optical Emission Spectrometry.

	<u>Result in mg/kg</u>				<u>Limit</u>
	(1)	(2)	(3)	(4)	<u>Mg/kg</u>
Sol. Barium (Ba)	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	60
Sol. Arsenic (As)	<3	<3	<3	<3	25

Remark: Sol. = Soluble

< = Less than

mg/kg = Milligram per kilogram based on weight of sample;

(1) = Black rubber with white print

(2) = Yellow foam

(3) = White fiber glass

(4) = Blue print screen on yellow foam

Testing period:      July 05, 2010 to July 27, 2010

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# TEST REPORT

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Test conducted:

4 Phthalate content test  
With reference to EN 14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

(I) For all toys and childcare articles

	<u>Result</u>				<u>Limit</u>
	(1)	(2)	(3)	(4)	(%, w/w)
Dibutyl Phthalate (DBP)	<0.01	<0.01	0.06	<0.01	-
Diethyl hexyl Phthalate (DEHP)	0.03	<0.01	<0.01	<0.01	-
Benzyl butyl Phthalate (BBP)	<0.01	<0.01	<0.01	<0.01	-
Sum of three Phthalates :	0.03	<0.01	0.06	<0.01	0.1

(II) For all toys and childcare articles that can be placed in the mouth

	<u>Result</u>				<u>Limit</u>
	(1)	(2)	(3)	(4)	(%, w/w)
Di-iso-nonyl Phthalate (DINP)	<0.01	<0.01	<0.01	<0.01	-
Di-n-octyl Phthalate (DNOP)	<0.01	<0.01	<0.01	<0.01	-
Di-iso-decyl Phthalate (DIDP)	<0.01	<0.01	<0.01	<0.01	-
Sum of three Phthalates :	<0.01	<0.01	<0.01	<0.01	0.1

Remark : < = less than

Detection limit = 0.01% (w/w)

Test components:

- (1) = Black rubber with white print
- (2) = Yellow foam
- (3) = White fiber glass
- (4) = Blue print screen on yellow foam

Testing period: July 05, 2010 to July 27, 2010

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