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**Test Report**

Number: FH-01750  
(HKGH01204786)

Applicant: ZITELNY INDUSTRIES LTD  
EDUSHAPE TOY DIVISION  
9 AMAL ST ROSH HA'AYIN 48091  
P O BOX 11788  
ISRAEL  
Attn: ADRIANA / MR N M SHUM

Date: Aug 18, 2011

Sample Description:

Two (2) sets of submitted sample said to be :  
Item Name : **Edublocks**  
Item No. : **806050**  
Reference No. : 806026/806084/806016  
Labelled Age Group : "0+"  
Packaging Provided : Yes  
  
Country of Origin : China



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Tests conducted:

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

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To be continued

Prepared and checked by:  
For Intertek Testing Services

Denise S.M. Chan



Approved for and on behalf of  
Intertek Testing Services  
France

Valerie Lozingo  
Directrice technique & Experte Jouets  
Technical Director and Toys Expert





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Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample sets	EN71-1 : 2011 for mechanical and physical properties	Pass

	EN71-2 : 2011 for Flammability test	Pass
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Tested components of submitted sample sets	EN71-3 : 1994 and amendment A1 : 2000 and AC : 2002 for toxic elements test	Pass
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<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted sample sets	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC)	Pass

\*\*\*\*\*

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Tests Conducted

1 **Mechanical and Physical Test**

As per European Standard on Safety of toys EN71-1 : 2011.

Applicant's specified age group for testing : All ages.

<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	P
7	Warnings, markings and instructions for use	P

Remark : P = Pass

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

- 1) 4.1 Material cleanliness.
- 2) 4.7 Edges.
- 3) 4.8 Points and metallic wires.
- 4) 4.15.4 Toys not propelled by a child.
- 5) 5.1 General requirements for toys intended for children under 36 months.

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

Remark : Additional information according to the Toy Safety Directives 2009/48/EC requirement. These information also appears as a note within the EN71 but are not standard requirements:

1. Marking

The manufacturer's and importer's name, registered trade name or registered trade mark, the address and type, batch, serial or model number or other element allowing their identification shall be indicated on the product itself. In addition, toys shall also bear the CE-marking.

After checking, it was found that:

- Manufacturer's name and address was on the packaging only.
- Importer's name and address was missed.
- Product identification code was on the packaging only.

2. Cleaning instruction

A toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. The toy shall fulfill the safety requirements also after having been cleaned in accordance with this point and the manufacturer's instructions. The manufacturer should, if applicable, provided instructions on how the toy has to be cleaned. After checking, the cleaning instruction was not found on the submitted samples

Date sample received : Aug 15, 2011

Testing period : Aug 15, 2011 to Aug 17, 2011

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Tests Conducted

2 **Flammability Test**

As per 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 : Aug 15, 2011  
Testing period : Aug 15, 2011 to Aug 17, 2011

3 **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 in mg/kg</u>				<u>Limit mg/kg</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</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)	<2.5	<2.5	<2.5	<2.5	25

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

Tested Components :

- (1) Red foam (blocks).
- (2) Yellow foam (blocks).
- (3) Blue foam (blocks).
- (4) Green foam (blocks).

Date sample received : Aug 15, 2011  
Testing period : Aug 15, 2011 to Aug 17, 2011

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Tests Conducted

4 **Phthalate Content Test**

With reference to EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%. w/w)</u>				<u>Limit (%. w/w)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	0.01	<0.01	0.1
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 DINP,DnOP & DIDP	<0.01	<0.01	<0.01	<0.01	0.1

Remark : The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) for phthalate content in toys and children articles.

< = Less than

Tested components :

- (1) Red foam (blocks).
- (2) Yellow foam (blocks).
- (3) Blue foam (blocks).
- (4) Green foam (blocks).

Date sample received : Aug 15, 2011  
Testing period : Aug 15, 2011 to Aug 17, 2011

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End of report

"The items were tested by an approved laboratory, Intertek Testing Services Hong Kong Ltd., for and behalf of Intertek Testing Services France."

"Ces articles ont ete testes par un laboratoire approuve, Intertek HK, pour le compte d'Intertek France"

