

TEST REPORT

NO.: A001C11071401301-2

Date: Jul. 18, 2011

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Customer: WENZHOU TIMES CO., LTD

Address : 5F, A1A2, TIMES SQUARE, WENZHOU, CHINA

Report on the submitted sample said to be:

Sample name: WOODEN BLOCKS

Model: Mulch

Item/Lot NO: /

Material: Rubber Wood

Client Specified Age Grading: 3+

Labeled Age Grading: 3+

Age Group Applied in Testing: Over 3 years

Buyer: /

Supplier: WENZHOU TIMES CO., LTD

Manufacturer: WENZHOU TIMES CO., LTD

Sample received date: Jul. 14, 2011

Testing period: From Jul. 14, 2011 to Jul. 18, 2011

Testing Requested:

For compliance with the European Standard on Safety of Toys:

- EN 71-1:2011+A9: 2009 - Mechanical and Physical Properties
- EN 71-2:2006+A1:2007- Flammability of Toys
- EN 71-3:1994+A1:2000 /AC: 2002- Migration of Certain Elements

Conclusion:

- EN 71-1: The submitted sample(s) complied with the requirement.
- EN 71-2: The submitted sample(s) complied with the requirement.
- EN 71-3: The submitted sample(s) complied with the requirement.

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

Written by:

Stacey

Tested by:

Andy

Inspected by:

James

Approved by:

Jeena Lu

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Test Results:

Part 1 : Mechanical and Physical Properties

Section	Description	Result
4	GENERAL REQUIREMENTS	
4.1	Material	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
4.9	Protruding parts	Pass
4.15.1.3	Strength	Pass
5	TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS	
5.1	General requirements (Remark 1: Toys and removable components of toys intended for children under 36 months shall not produce any parts which, whatever their position, fit entirely in the cylinder before and after abuse.)	See Remark 1
6	Packaging	Pass
7	WARNINGS AND INSTRUCTIONS FOR USE	
7.1	General requirements (Remark 2: It is drawn to your attention that the name and address of importer in EEC country and the advice statement for keeping relevant information together with CE-marking should appear as specified in clause 7.1 of this standard.)	See Remark 2
7.2	Toys not intended for children under 36 months (Remark 2: The launching device is small part as received. It is acceptable because appropriate age warning was found on the packaging.)	Pass

Part 2: Flammability of Toys

Section	Description	Result
4	REQUIREMENTS	
4.1	General requirements (The following materials shall not be used in the manufacture of toys except as provided in EN71-2:2006+A1:2007: Celluloid, materials with a piled surface which produce surface flash, highly flammable solids, flammable gases, highly flammable liquids, flammable liquids and flammable gels.)	Pass

Note:

4.1 The following materials shall not be used in the manufacture of toys:

Celluloid (cellulose nitrate), except when used in varnish, paint or glue, or in balls of the type used for table tennis or similar games, and materials with the same behaviour in fire as celluloid. Specific materials to which the test flame is applied in order to check compliance of the toy with requirements in 4.2 to 4.5 are considered to comply with this requirement if the toy meets its appropriate requirements in 4.2 to 4.5;

Materials with a piled surface which produce surface flash on the approach of a flame. Piled surfaces showing no momentary area of flame over the area of the piled surface remote from the test flame are considered to meet this requirement;

Highly flammable solids;

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In addition, toys shall not contain flammable gases, highly flammable liquids, flammable liquids, flammable gels except as provided for below:

Flammable liquids, flammable gels and preparations supplied in sealed containers having a maximum volume of 15 ml per container;

Highly flammable liquids and flammable liquids being entirely retained within a porous material in capillary channels of writing instruments;

Flammable liquids with a viscosity greater than $260 \times 10^{-6} \text{m}^2/\text{s}$ corresponding to a flow time of more than 38 s when determined in accordance with EN ISO 2431 using cup No. 6;

Highly flammable liquids contained in toys covered in EN 71-5.

NOTE: Different legal requirements may exist in non-EU countries.

Part 3: Migration of Certain Elements

As Specified in European Standard on Safety of Toys EN71-3:1994+A1:2000+AC: 2002-Migration of Certain Elements. Acid Extraction Method was used and Toxic Elements Content were Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Soluble Element	Cadmium (Cd)	Lead (Pb)	Chromium (Cr)	Mercury (Hg)	Antimony (Sb)	Barium (Ba)	Arsenic (As)	Selenium (Se)
Limit (mg/kg)	75	90	60	60	60	1000	25	500
Code	Specimen's testing result (mg/kg)							
A	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5
B	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5
C	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5
D	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5
E	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5
F	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5
G	<5	<5	<2.5	<2.5	<5	<5	<2.5	<5

Specimen Description:

Code	Specimen Description
A	Dark Yellow Part
B	Dark Orange Part
C	Blue Part
D	Red Part
E	Purple Part
F	Green Part
G	Yellow Part

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Note:

- unit: mg/kg=ppm
- <= Less than.
- Results shown are of adjusted analytical results by subtracting analytical correction factor.
- Photo is included

Photograph of Sample



End of Report