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Client: **HANGZHOU ZHIBANG TOYS FACTORY**
No. 22 Qiaoyuan Road, Xiaoshan District, Hangzhou, China

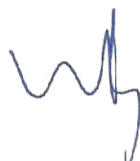
Test item(s): Toy
Identification/ Model No(s): Magnetic Tiles

Sample Receiving date: 2017-05-15
Testing Period: 2017-05-15 - 2017-05-24

Test Specification:	Test result:
1. EN 71 - 1 : 2014 Mechanical and physical properties	PASS
2. 2009/48/EC CE marking	PASS
3. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)	Please refer to test page
4. EN 71 - 2 : 2011+A1 :2014 Flammability	PASS
5. EN71-3:2013+A1:2014 Migration of 19 Elements	PASS

Other information:
Packaging provided: Artwork
The provided age grade of the item: Over 3 years.
The appropriate age grade of the item: Over 3 years.
The item was tested for over 3 years.

For and on behalf of
TÜV Rheinland (Shanghai) Co., Ltd.



2017-05-26 Wice Wang / Department Manager

Date *Name/Position*

*Test result is drawn according to the kind and extent of tests performed.
This test report relates to the a. m. test sample. Without permission of the test center this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.*

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Material List:

Item: Magnetic Tiles

Material No.	Material	Color	Location
M001	Whole Product	multi-color	refer to photo
M002	Plastic	yellow	refer to photo
M003	Plastic	red	refer to photo
M004	Plastic	black	refer to photo

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1. EN71 - 1:2014 Mechanical and physical properties**Test result:**

	Test No :	T001
	Material No:	M001
4. General requirements		
4.1 Material cleanliness		PASS
4.7 Edges		PASS
4.8 Points and metallic wires		PASS
4.23 Magnets		PASS
7. Warnings, markings and instructions for use		
7.1 General		PASS
7.2 Toys not intended for children under 36 months		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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2. 2009/48/EC CE Marking
Test result:

	Test No:	T001
	Material No:	M001
CE-marking		PASS

3. 2009/48/EC Labeling Requirement (Importer/ Manufacturer Mark, Product Identification, Washing/ Cleaning instruction)
Test result:

	Test No:	T001
	Material No:	M001
Importer/ Manufacturer Mark (European Company name and address)+		Absent
Product Identification - type, batch, serial or model number+		Absent

Remark:

+ These labeling shall be indicated on the toy, or where that is not possible, on its packaging or in a documents accompanying the toys.

The correct adherence to all requirements according to directive 2009/48/EC in regards to the marking (name or trademark and contact address of the manufacturer respectively the marking for identification [type, batch, model or serial no.])of the toy can only be confirmed by the manufacturer, his delegate or the person who brings it onto the market. The marked article were assessed, however, they can not be evaluated in the frame of this test.

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4. EN 71 - 2: 2011+A1 :2014 Flammability**Test result:**

	Test No:	T001
	Material No:	M001
4.1 General		PASS

The clause and/or sub-clause would be indicated only in the test report whichever applicable. The comprehensive result report is available upon request.

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5. EN71-3:2013+A1:2014 Migration of 19 Elements

Test Method: with reference to EN71-3:2013+A1:2014, for inorganic elements, analyzed by ICP-OES or ICP-MS.

3) For scraped-off toy materials:

				Test No.	T001	T002	T003
				Material No.	M002	M003	M004
Test Parameter	Unit	RL	Regulatory Requirement	Result	Result	Result	Result
Aluminium (Al)	mg/kg	10	70000	n.d.	n.d.	n.d.	n.d.
Antimony (Sb)	mg/kg	5	560	n.d.	n.d.	n.d.	n.d.
Arsenic (As)	mg/kg	5	47	n.d.	n.d.	n.d.	n.d.
Barium (Ba)	mg/kg	2.5	18750	n.d.	n.d.	n.d.	n.d.
Boron (B)	mg/kg	10	15000	n.d.	n.d.	n.d.	n.d.
Cadmium (Cd)	mg/kg	1	17	n.d.	n.d.	n.d.	n.d.
Chromium (Cr)	mg/kg	0.15	-	n.d.	n.d.	n.d.	n.d.
Chromium (III) (Cr (III))§	mg/kg	0.15	460	-	-	-	-
Chromium (VI) (Cr (VI))§	mg/kg	0.15	0.2	-	-	-	-
Cobalt (Co)	mg/kg	2.5	130	n.d.	n.d.	n.d.	n.d.
Copper (Cu)	mg/kg	2.5	7700	n.d.	n.d.	n.d.	n.d.
Lead (Pb)	mg/kg	2.5	160	n.d.	n.d.	n.d.	n.d.
Manganese (Mn)	mg/kg	2.5	15000	n.d.	n.d.	n.d.	n.d.
Mercury (Hg)	mg/kg	2.5	94	n.d.	n.d.	n.d.	n.d.
Nickel (Ni)	mg/kg	2.5	930	n.d.	n.d.	n.d.	n.d.
Selenium (Se)	mg/kg	10	460	n.d.	n.d.	n.d.	n.d.
Strontium (Sr)	mg/kg	2.5	56000	n.d.	n.d.	n.d.	n.d.
Tin (Sn)	mg/kg	1.0	180000	n.d.	n.d.	n.d.	n.d.
Organic Tin [^]	mg/kg	1.0	12	-	-	-	-
Zinc (Zn)	mg/kg	10	46000	n.d.	n.d.	n.d.	n.d.

Abbreviation: n.d. = Not Detected (< RL)
 RL = Reporting Limit
 mg/kg denotes milligram per kilogram
 § denotes Cr(III) and Cr(VI) are not necessary to be determined when the Combined Chromium concentration value is less than the requirement
 ^ denotes Organic tin are not necessary to be determined when the Tin concentration is less than calculated limit (3.9 mg/kg) or the components were confirmed to be pure metal

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Sample Photo



- END -