

## Test Report

No.: T51610283353TY

Date: JAN 03, 2017

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SHENZHEN HUAMEI FINE ARTS ARTICLES CO., LTD.

FLOOR 2 BUILDING 1,  
FOREIGN TRADE INDUSTRIAL PARK,  
XINAN THREE ROAD,  
BAOAN DIST 28 ZONE SHENZHEN, CHINA.

The following samples were submitted and identified by/on behalf of the client as:

CLAY

Labeled Age Grading	:	NOT STATED
Requested Age Grading	:	0+
Age Group Assessed As Per Age Guideline	:	ALL AGES
Age Group Applied in Testing	:	ALL AGES
Sample Receiving Date	:	DEC 27, 2016
Testing Period	:	DEC 27, 2016 TO JAN 03, 2017



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Test Requested	Conclusion
1. For compliance with the European standard on Safety of toys:-	--
EN 71-1:2014 – Safety of toys – Part 1: Mechanical and Physical Properties	PASS
EN 71-2:2011+A1:2014 – Safety of toys – Part 2: Flammability	PASS
Labeling requirement (Washing/Cleaning Label, CE mark, importer / manufacturer mark (name, address), product identification) according to the Directive 2009/48/EC-Safety of toys	SEE RESULT
EN 71-3:2013 + A1:2014 – Safety of toys – Part 3 – Migration of certain elements (All conclusive testing)	PASS

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

Signed for and on behalf of  
 SGS-CSTC Standards Technical  
 Services Co., Ltd. Shenzhen Branch Testing Center



Feng Shaohong, Jessica  
 Lab Manager



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**Results:****EUROPEAN STANDARD ON SAFETY OF TOYS****EN 71-1:2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES**

AS SPECIFIED IN EN 71-1:2014 – SAFETY OF TOYS – PART 1: MECHANICAL AND PHYSICAL PROPERTIES

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4	General requirements	
4.1	Material cleanliness	<u>Pass</u>
4.7	Edges	<u>Pass</u>
4.8	Points and metallic wires	<u>Pass</u>
5	Toys intended for children under 36 months	<u>Not Applicable</u>
6	Packaging	<u>Pass</u>

According to 2009/48/EC, warnings and safety instructions shall be written in a language or languages easily understood by consumers.

**EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY**

AS SPECIFIED IN EN 71-2:2011+A1:2014 – SAFETY OF TOYS – PART 2: FLAMMABILITY

Clauses relevant to the item:

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	<u>Pass</u>

Type of gas: Butane gas used in the test burner

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**LABELING REQUIREMENT (WASHING/CLEANING INSTRUCTION, CE MARK, IMPORTER / MANUFACTURER NAME AND ADDRESS, PRODUCT IDENTIFICATION) ACCORDING TO THE DIRECTIVE 2009/48/EC – SAFETY OF TOYS**

Summary table:

	Observation Result	Location
Washing/Cleaning instruction	Not applicable	--
CE mark	Absent	--
Importer's Name & Address	Absent	--
Manufacturer's Name & Address	Absent	--
Product ID	Present	Packaging

Note:

1. According to Directive 2009/48/EC, a toy intended for use by children under 36 months must be designed and manufactured in such a way that it can be cleaned. A textile toy must, to this end, be washable, except if it contains a mechanism that may be damaged if soak washed. The manufacturer should, if applicable, provide instructions on how the toy has to be cleaned.
2. CE marking should be visible from outside the packaging and its height must be at least 5mm.
3. Manufacturer's and Importer's name, registered trade name or registered trade mark and the address at which the manufacturer can be contacted must be indicated on the toy or, where that is not possible, on its packaging or in a document accompanying the toy.
4. Manufacturers must ensure that their toys bear a type, batch, serial or model number or other element allowing their identification, or where the size or nature of the toy does not allow it, that the required information is provided on the packaging or in a document accompanying the toy.



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### EN 71-3:2013 + A1:2014 – Safety of toys – Part 3 – Migration of Certain Elements

#### Category I: Dry, brittle, powder-like or pliable toy material

Method: With reference to EN71-3:2013 + A1:2014. Analysis of general elements was performed by ICP-MS. Chromium (III) was obtained by calculation, chromium (VI) was analyzed by LC-ICP-MS and organic tin was analyzed by GC-MS.

Test Item(s)	Result(s)		MDL	Permissible Limit
<b>Specimen No.</b>	<b>1</b>		--	--
<b>Mass of trace amount</b> (mg)	--		--	--
Soluble Aluminium (Al) (mg/kg)	ND		50	5,625
Soluble Antimony (Sb) (mg/kg)	ND		1	45
Soluble Arsenic (As) (mg/kg)	ND		0.5	3.8
Soluble Barium (Ba) (mg/kg)	ND		50	1,500
Soluble Boron (B) (mg/kg)	457		50	1,200
Soluble Cadmium (Cd) (mg/kg)	ND		0.1	1.3
Soluble Chromium (Cr) (mg/kg)	3.80		0.015	--
Soluble Chromium (III) (Cr (III)) (mg/kg)	3.80		1	37.5
Soluble Chromium (VI) (Cr (VI)) (mg/kg)	ND		0.015	0.02
Soluble Cobalt (Co) (mg/kg)	ND		0.5	10.5
Soluble Copper (Cu) (mg/kg)	ND		50	622.5
Soluble Lead (Pb) (mg/kg)	ND		0.5	13.5
Soluble Manganese (Mn) (mg/kg)	ND		50	1,200
Soluble Mercury (Hg) (mg/kg)	ND		0.5	7.5
Soluble Nickel (Ni) (mg/kg)	ND		10	75
Soluble Selenium (Se) (mg/kg)	ND		5	37.5
Soluble Strontium (Sr) (mg/kg)	ND		50	4,500
Soluble Tin (Sn) (mg/kg)	ND		0.25	15,000
Soluble Organic Tin -- (mg/kg)	ND		--	0.9
Soluble Zinc (Zn) (mg/kg)	ND		50	3,750

#### Specimen Description:

1. White modelling clay



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Note:

- mg/kg = milligram per kilogram
- mg = milligram
- ND = Not Detected (lower than MDL)
- MDL = Method Detection Limit
- 1% = 10000 mg/kg = 10000 ppm
- De-waxing was applied (excluding analysis of organic tin) on test specimen No.1

N.B. : - Only applicable clauses were shown.

### Sample Photo:



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*



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