

Test Report

No.: T51610250009TA

Date: SEP 08, 2016

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SHENZHEN HUAMEI FINE ARTS ARTICLES CO., LTD.
35 DISTRICT, BAOAN, SHENZHEN

Labeling of Hazardous Art Materials Act (LHAMA) Cover Page

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

CLAY (1 formula and 11 additional colors).

Net Weight	:	100G
Sample Information Received	:	FORMULATION WITH CHEMICAL NAME, CAS NO. AND PERCENTAGE
Manufacturer	:	SHENZHEN HUAMEI FINE ARTS ARTICLES CO., LTD.
Region of Origin	:	CHINA
Region of Destination	:	UNITED STATES
Order Receiving Date	:	SEP 06, 2016
Assessment Period	:	SEP 06, 2016 TO SEP 08, 2016

Service Requested

For compliance with Labeling of Hazardous Art Materials Act (LHAMA) and the criteria outlined in ASTM D-4236 for the said product per information provided.

Conclusion

The submitted formula(s) comply with Labeling of Hazardous Art Materials Act (LHAMA) provided that the parameter given in the section "Labeling practice" has been indicated on the product label.



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Sample Photo:



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SGS authenticate the photo on original report only



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The validity of this review depends on accurate disclosure by both the manufacturer(s) of the components and of the finished products. Best professional capabilities are used in performing this review. If client wishes to use this opinion with any alterations to the submitted formula, SGS-CSTC Standard Technical Services Co., Ltd. Shenzhen Branch-Toy laboratory or any of its employees will not be held liable for any injury or damage resulting from this product. This review will need to be updated **every five years** or upon reformulation or upon change of new significant safety information. In addition, the submitted sample should also be in compliance with US CPSC additional guidelines in all respects. ©2005 SGS SA. All rights reserved. The Company's consulting services, including compilation(s) of data and any review of formulation, are based upon the Company's know-how and on publicly available sources available at the time the services were provided. The Company disclaims any and all liability for the accuracy of any such publicly available information or any legal interpretation of such information. The Company provides its services in a consulting capacity only and offers no legal opinion(s) herein. The opinions provided by the Company are not a substitute for professional legal advice and Client should seek legal review to ensure compliance with any applicable laws and regulations.

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***** 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 Hardlines



Feng Shaohong, Jessica
Lab Manager



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ASTM D4236 - Labeling of Hazardous Art Materials Act (LHAMA) Report

The formulations of clay (orange, red, yellow, blue, purple, pink, brown, white, black, green, gray, chartreuse) were reviewed according to the US Consumer Product Safety Commission's guideline at 16 CFR 1500.135 and the criteria outlined in ASTM D-4236.

In this review the available data, including the relevant data from the National Toxicology Program (NTP), International Agencies for Research on Cancer (IARC) and other sources in the National Library of Medicine Data Bank were considered to assess the need for chronic health hazard warning. The carcinogenicity, reproductive hazard, neurotoxicity, bioavailability and potential exposures were also considered and in the absence of specific data, a reasonable judgment was made to assure a realistic assessment of the hazard on the ultimate art material package.

The review is based only on the submitted formulas (Appendix-1). The ingredients used shall fulfill corresponding purity requirements. The polymer (if present) is assumed to be well-cured and the ingredients in this product are assumed to contain no contaminants or residues at level that would cause chronic toxicity among users when used for its intended purpose. If there is any alteration to this formula or if heavy metal contamination such as lead is detected in this product, it will void this certification.

The product is intended for playing by children of 3 years old or above for art creation. None of the ingredients at a level found in this product is expected to pose any significant chronic adverse health effects in consumers with customary use. Taking into account this information it is considered that, in the present state of knowledge, the submitted formulations put on the market are unlikely to cause chronic toxicity among users, when used for its intended purpose.

Labeling Practice:

The following parameter should be indicated on the product label conspicuously and legibly.

CONFORMS TO ASTM D-4236



HONGJING XU MB, MPH,
Diplomate, American Board of Toxicology,
European Registered Toxicologist,
Certified Toxicologist of CSOT
Certified Cosmetic Safety Assessor

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

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DETAILS OF THE PRODUCT FORMULATION

APPENDIX-1: Formulation/ Ingredients

INGREDIENT NAME	CAS NO./RN	% BY WEIGHT (% ACTIVE)
ORANGE		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
BENZIDINE ORANGE	3520-72-7	0.5
RED		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
C.I.PIGMENT RED 120	2786-76-7	0.5
YELLOW		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
C.I.PIGMENT YELLOW 14	5468-75-7	0.5
BLUE		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
PIGMENT BLUE 15	147-14-8	0.5
PURPLE		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
PIGMENT VIOLET 23	6358-30-1	0.5

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INGREDIENT NAME	CAS NO./RN	% BY WEIGHT (% ACTIVE)
PINK		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
C.I.PIGMENT RED 81	12224-98-5	0.5
BROWN		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
C.I.PIGMENT RED 120	2786-76-7	0.25
C.I.PIGMENT YELLOW 14	5468-75-7	0.2
PIGMENT BLACK 7	1333-86-4	0.05
WHITE		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
PIGMENT WHITE 6	13463-67-7	0.5
BLACK		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
PIGMENT BLACK 7	1333-86-4	0.5
GREEN		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
PIGMENT GREEN 7	1328-53-6	0.5



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INGREDIENT NAME	CAS NO./RN	% BY WEIGHT (% ACTIVE)
GRAY		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
PIGMENT BLACK 7	1333-86-4	0.2
PIGMENT WHITE 6	13463-67-7	0.3
CHARTREUSE		
KAOLIN	1332-58-7	31
POLYVINYL ALCOHOL (PVA)	9002-89-5	35
WATER	7732-18-5	33.48
POTASSIUM SORBATE	24634-61-5	0.02
C.I.PIGMENT YELLOW 14	5468-75-7	0.4
PIGMENT BLUE 15	147-14-8	0.1

***** End of Appendix *****



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