



**BUREAU
VERITAS**

CONSUMER PRODUCTS SERVICES DIVISION

THAICOLOR CLAY CO., LTD.

Technical Report: (1215)100-0006
Date Received: April 10, 2015

Initial Report Date: May 26, 2015
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THAICOLOR CLAY CO., LTD.
175/1 M. KAERAI, KRATHUMBAN,
SAMUTSAKORN 74110 THAILAND

Sample Description:	SUPREMO AIR DRY 500GR. WHITE/BROWN COLOR		
Vendor:	/	Sample Size:	/
Manufacturer:	THAICOLOR CLAY CO., LTD.	VPN:	/
Buyer:	/	SKN/SKU No.:	SUPREMO AIR DRY 500GR. WHITE/BROWN COLOR
Labeled Age Grade:	/	PO No.:	/
Appropriate Age Grade:	/	Ref #:	/
Client Specified Age Grade:	/	Country of Origin:	THAILAND
Tested Age Grade:	/	Assortment No.:	/
UPC Code:	/	Department No.:	/
Phase of Production:	/	Item #:	SUPREMO AIR DRY
Color:	/	Date of Production:	/
Program:	/	Model/Style#:	/
Previous No:	/	Country of Destination:	/

EXECUTIVE SUMMARY:

The sample(s) **MEETS** the following requirement(s):

- The mechanical and physical properties requirements of the tested sub clauses of the European Standard, Safety of toys", EN71: Part 1:2011, incorporating amendment A3:2014 clauses 1-7 without washing
- The flammability requirements of the European Standard "Safety of Toys", EN 71: Part 2: 2011 + A1:2014 without washing
- The mechanical hazards requirements of ASTM F963-11, "Standard consumer safety specification for toy safety"
- The flammability requirements of solids under ASTM F963-11 section 4.2 according to Annex 5, "Flammability testing procedure for solids and soft toys".
- The tracking label requirement of the Consumer Product Safety Product Safety Improvement Act (CPSIA) of 2008 section 103 tracking Labels for Children's Products.
- Total lead content in substrate – United States Consumer Product Safety Improvement Act (CPSIA) Section 101(a)(2)

Bureau Veritas CPS Sdn Bhd

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- Phthalates content in Children's Toys and Child Care Articles – United States Consumer Product Safety Improvement Act (CPSIA) of 2008, Section 108
- Total heavy metal content in substrate –ASTM F963-11, Section 4.3.5.2(2)(b) and 8.3.1
- DnHP content in modeling clay – California Proposition 65
- Migration of certain elements – European Parliament and Council Directive 2009/48/EC, Annex II, Part III, Point 13 with Amendments up to European Commission Directive 2012/7/EU
- Colourants content – EN 71: Part 9 and Amendment A1: 2007
- Primary Aromatic Amines content – EN 71: Part 9: 2005 and Amendment A1: 2007
- Preservatives content – EN 71: Part 9: 2005 and Amendment A1:2007
- Toxicological risk assessment (US)
- Lhama – ASTM D4236

REMARKS:

- 1:1 final packaging digital artwork was submitted for labeling evaluation.



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APPROVED BY:


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HARDLINE ASSISTANT MANAGER



TEST RESULT(S):

The sample(s) **MEETS** the following requirement(s):

- Classification of not being toxic (acute/chronic), corrosive, a skin/eye irritant, or strong sensitizer as defined in the 16 CFR 1500.3(b)(5), (7) – (9) (FHSA regulations), when used as intended or under circumstances involving reasonable foreseeable misuse, based on a Toxicological Risk Assessment of the submitted product formulation by a Diplomate of the American Board of Toxicology (DABT).

The sample(s) was tested to the following requirement(s) and the data provided is for informational purposes only:

- Based on the provided art material formulation, the sample was evaluated to the requirements of the LHAMA regulation in accordance with 16 CFR 1500.14 and ASTM D4236 "Standard Practice for Labeling Art Materials for Chronic Health Hazards" by a Diplomate of the American Board of Toxicology (DABT).

Note: The submitted formulation would not be expected to pose any significant chronic adverse health effects to humans when it is used as intended or under circumstances involving reasonable foreseeable misuse. The product(s) will not require any additional chronic health hazard labeling according to ASTM D4236. The product(s) must bear the following statement:

"Conforms to ASTM D4236"

Exposure Assessment:

Consideration was given to consumer exposure with intended product use and under circumstances involving reasonable foreseeable misuse. Intentional product misuse was not considered within the scope of the assessment. This evaluation was conducted under the assumption that potential exposure to product ingredients is through the dermal route and possibly the oral route through accidental ingestion. Any volatile compounds within the product were evaluated for the inhalation route of exposure.

Considerations:

It was assumed that all product formulation details are accurate and that there are no additional ingredients that are not listed (note: chemical testing was not conducted as part of this product evaluation and chemical analyses data were not provided in support of this evaluation). It was also assumed that any ingredients provided in the product formulation do not contain any impurities and/or contaminants (e.g., heavy metal(s) or lead) or infectious agents that would cause toxicity in a consumer who may be exposed to them. This product was not evaluated for toxicological considerations related to physical or chemical properties of the formulation (e.g., pH, viscosity, volatility) and potential for physical injury (e.g., choking hazard, aspiration risk, or mechanical irritation) was not considered.

Note: This evaluation does not constitute a regulatory review and does not address the requirements for labeling, unless otherwise indicated.

Note: This evaluation is relevant solely to the conditions described herein. Any substitution of ingredients, increase in ingredient concentrations, or change in use pattern will necessitate a new evaluation.

Note: The Toxicological Risk Assessment(s) and LHAMA evaluation were performed at a Bureau Veritas CPS approved subcontract lab on May 5, 2015.

Note: The color formulation(s) covered under these evaluation(s) were: Brown and White



