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N° 1 019

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DIVISION BIENS DE  
CONSOMMATION DU GROUPE  
BUREAU VERITAS



TEST REPORT No. (5400)012-0003  
March 20, 2000  
Page 1/3

Mrs. SHANA'A ZOGHEIB  
ACLA - Sarl  
2 Rue Ampère  
94200 IVRY SUR SEINE  
FRANCE

**INTRODUCTION:**

At the request of the client, the sample was evaluated for compliance with the Mechanical and Physical Hazards, Flammability and Heavy Metals content requirements, per the European Standard EN 71, Part 1: 1998, Part 2: 1993 and Part 3: 1994.

Test Start: January 18, 2000

Test Finished: March 10, 2000

Sample Identification: RAINBOW WHITE  
Date received: January 12, 2000  
Model, Style, Lot No: Not Available  
Origin: United States  
Manufacturer: Scratch-Art Co.

**DESCRIPTION:** Rainbow white.



Main used materials:

Coatings/paint  
Paper/cardboard

Approximate size(s) (cm):

Sheet: 21.5 x 14

The accreditation by COFRAC certifies the expertise of the laboratories for the sole tests covered by the accreditation, which are identified by the > symbol.

This test report can be copied only in its entire version. It contains 3 pages.  
EC notified body nr. 408 under directive 88/378/EEC for CE type examinations.  
For an assortment of several identical samples but with different colours, only one sample is subjected to testing according to EN 71, parts 1 and 2.



ACTS Laboratoire d'Essais, SARL  
Les Peupliers, 17 rue du Verrouquet  
59960 Neuville en Ferrain, France

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**I. RESULTS:**

**A) AGE GRADING**

Indicated on the packaging and/or indicated by the client : Not Available  
Determined by the laboratory : 2 years and up

**B) MECHANICAL AND PHYSICAL PROPERTIES - REQUIREMENTS (EN 71, Part 1: 1998)**

<u>Parameter</u>	<u>Section</u>	<u>Requirements/Results</u>
<b>a. GENERAL REQUIREMENTS (Section 4)</b>		
1. <u>Materials</u>	4.1	PASS
7. <u>Edges</u>	4.7	PASS
8. <u>Points and wires</u>	4.8	PASS
<b>b. TOYS INTENDED FOR CHILDREN UNDER 36 MONTHS (Section 5)</b>		
NOT APPLICABLE		
<b>c. PACKAGING (Section 6)</b>		
NOT APPLICABLE		
<b>d. WARNINGS AND INSTRUCTIONS FOR USE (Section 7)</b>		
NOT APPLICABLE		
1. <u>General</u>	7.1	see conclusions of the test report

**>C) FLAMMABILITY (EN 71, Part 2: 1993)**

<u>Parameter</u>	<u>Section</u>	<u>Requirements/Results</u>
1. General	4.1	Satisfactory



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>D) MIGRATION OF CERTAIN ELEMENTS (EN71, Part 3: 1994)

012-0003A : Multicolor white paper  
012-0003B : White coating

SOLUBLE ELEMENTS EN 71	012-0003		LIMITS	
	A	B	$\alpha$	$\beta$
ARSENIC	< 5	< 5	25	25
MERCURY	< 10	< 10	80	25
SELENIUM	< 10	< 10	500	500
ANTIMONY	< 10	< 10	60	60
LEAD	< 10	< 10	90	90
CADMIUM	< 5	< 5	75	50
BARIUM	< 5	< 5	1000	250
CHROMIUM	< 5	< 5	60	25

Results and limits are reported as milligrams per kilogram (mg/kg).

$\alpha$  : Any toy material except for modelling clay and finger paint.

$\beta$  : Modelling clay and finger paint.

The soluble content was determined by inductively coupled plasma atomic emission spectrometry.

ACTS TESTING LABS

Dominique Billeret,  
R & D Manager

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DIVISION BIENS DE  
CONSOMMATION DU GROUPE  
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CONCLUSIONS OF THE TEST REPORT No. (5400)012-0003  
March 20, 2000  
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Sample Identification: RAINBOW WHITE  
Date received: January 12, 2000  
Model, Style, Lot No: Not Available  
Origin: United States  
Manufacturer: Scratch-Art Co.

The following conclusions are not a part of the test report:

The tested characteristics of the sample meet the requirements of European Standard EN 71, Part 1: 1998, Part 2: 1993 and Part 3: 1994.

**LABELLING**

According to the Directive 88/378/EEC dated May 3, 1988 modified by the Directive 93/68/EEC, the manufacturer or his authorized representative or the importer into the European community shall in a visible, easily legible and indelible form affix his name and/or trade name and/or mark and address on the toy or on its packaging together with the CE marking as declaration of presumption of conformity with the essential safety requirements of the above directive. When these particulars are not affixed to the toy, the consumer's attention must be drawn to the advisability of keeping them.

The whole information are not present on the toy or its packaging.

**Note:** The age grading indicated in Section A of the test report and determined by the laboratory was established in accordance with the "Consumer Product Safety Commission" (CPSC) age grading guideline.

ACTS TESTING LABS

Dominique Billeret,  
R & D Manager



DIVISION BIENS DE  
CONSOMMATION DU GROUPE  
BUREAU VERITAS

**TOTAL CADMIUM ANALYSES**

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Date: March 20, 2000  
Recipient: Mrs. SHANA'A ZOGHEIB  
Company: ACLA - Sarl  
Address: 2 Rue Ampère  
92400 IVRY SUR SEINE  
FRANCE  
Sample ID: Rainbow white

Page: 1 of 1  
Report No.: (5400)012-0003  
Date received: January 12, 2000  
Reference No.: Not Available  
Supplier: Scratch-Art Co.  
Origin: United States  
Material(s): Coatings / Paint  
Paper / Cardboard

**RESULTS :**

	<u>SAMPLE</u>	<u>RESULT</u>	<u>PASS / FAIL</u>
B	White coating	LT 5	
C	Blue coating	LT 5	PASS
D	Red coating	LT 5	PASS
E	Yellow coating	LT 5	PASS

Results are reported as milligrams per kilogram (mg/kg)(ppm)

LT= Less Than

Limit: 100 mg/kg

**CONCLUSION:**

The sample **COMPLIES** with the requirements of the Council Directive 91/338/EEC dated June 18, 1991 and with the requirements of "TITLE II : CADMIUM AND ITS COMPOUNDS" of the French Decree No. 94-647 dated July 27, 1994 related to the limitation on the marketing and the use of cadmium and of their compounds.

ACTS TESTING LABS

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R & D Manager

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Cet écrit spécifie à la fois les points de contrôle et si le client ne le manifeste pas dans le délai prescrit, est considéré de sa part une acceptation  
sans réserve du rapport et de la conformité du contenu du rapport.

SARL au capital de 50 000 € - RCS Roubaix-Tourcoing B 380 226 795

**MATERIAL SAFETY DATA SHEET**Crayon  
MIX

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Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME		EMERGENCY TELEPHONE NO.
		717-454-3596
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS
MIXTURE		CRAYON MIX
CHEMICAL FAMILY	FORMULA	
MIXTURE	CRAYON MIX	

## SECTION II - HAZARDOUS INGREDIENTS

NONE

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS			FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (Units)
NON-TOXIC					

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)		SPECIFIC GRAVITY (H <sub>2</sub> O=1)	1.7
VAPOR PRESSURE (mm Hg.)		PERCENT, VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR=1)		EVAPORATION RATE (_____ = 1)	
SOLUBILITY IN WATER	negligible		
APPEARANCE AND ODOR	various colors. Essentially none		

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	N/A	FLAMMABLE LIMITS	Lel	Uel
EXTINGUISHING MEDIA	carbon dioxide, sand, or foam			
SPECIAL FIRE FIGHTING PROCEDURES	handle the same as any fire			
UNUSUAL FIRE AND EXPLOSION HAZARDS	do not store with strong oxidizers			

<b>SECTION V - HEALTH HAZARD DATA</b>	<b>NON-TOXIC</b>
THRESHOLD LIMIT VALUE	
EFFECTS OF OVEREXPOSURE	
EMERGENCY AND FIRST AID PROCEDURES	

<b>SECTION VI - REACTIVITY DATA</b>			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	
INCOMPATIBILITY <i>(Materials to avoid)</i> Solvents will dissolve			
HAZARDOUS DECOMPOSITION PRODUCTS carbon monoxide in case of incomplete combustion			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

<b>SECTION VII - SPILL OR LEAK PROCEDURES</b>	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
RECOVER-FREE PRODUCT.	
WASTE DISPOSAL METHOD	
DISPOSE OF ACCORDING TO LOCAL REGULATIONS	

<b>SECTION VIII - SPECIAL PROTECTION INFORMATION</b>			
RESPIRATORY PROTECTION <i>(Specify type)</i> NONE			
VENTILATION	LOCAL EXHAUST	SPECIAL	
	NONE	MECHANICAL <i>(General)</i>	OTHER
PROTECTIVE GLOVES NONE		EYE PROTECTION SAFETY GLASSES	
OTHER PROTECTIVE EQUIPMENT NONE			

<b>SECTION IX - SPECIAL PRECAUTIONS</b>	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
STORE IN COOL, DRY PLACE	
OTHER PRECAUTIONS	



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DIVISION BIENS DE CONSUMMATION DU GROUPE BUREAU VERITAS

**TOTAL CADMIUM ANALYSES**

Date: March 20, 2000  
 Recipient: Mrs. SHANA'A ZOGHEIB  
 Company: ACLA - Sarl  
 Address: 2 Rue Ampère  
 94200 IVRY SUR SEINE  
 FRANCE  
 Sample ID: Multicolor board

Page: 1 of 1  
 Report No.: (5400)012-0006  
 Date received: January 12, 2000  
 Reference No.: Not Available  
 Supplier: Scratch-Art Co.  
 Origin: United States  
 Material(s): Coatings / Paint  
 Paper / Cardboard

**RESULTS :**

<u>SAMPLE</u>	<u>RESULT</u>	<u>PASS / FAIL</u>
B Black coating	LT 5	PASS
C Yellow coating	LT 5	PASS
D Blue coating	LT 5	PASS
E Red coating	LT 5	PASS

Results are reported as milligrams per kilogram (mg/kg)(ppm)  
 LT= Less Than  
 Limit: 100 mg/kg

**CONCLUSION:**

The sample **COMPLIES** with the requirements of the Council Directive 91/338/EEC dated June 18, 1991 and with the requirements of "TITLE II : CADMIUM AND ITS COMPOUNDS" of the French Decree No. 94-847 dated July 27, 1994 related to the limitation on the marketing and the use of cadmium and of their compounds.

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