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Scratch Art Co.

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13520-1010  
-1030



DIVISION BUREAU DE  
INFORMATION TECHNIQUE  
BOULEVARD DE LA  
LIBERTÉ - 92000 NANTERRE

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ESSAIS

TEST REPORT No (5400)012-0004  
March 20, 2000  
Page 1/3

Mrs SHANA'A ZOGHEIR  
ACTA - Sarl  
2 Rue Ampère  
94700 IVRY SUR SEINE  
FRANCE

INTRODUCTION

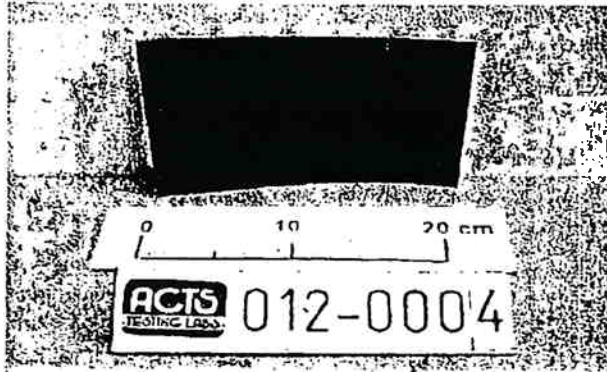
At the request of the client, the sample was evaluated for compliance with the Mechanical and Physical Hazards, Flammability and Heavy Metals content requirements, per the European Standard EN 71, Part 1 1998 Part 2 1993 and Part 3, 1994

Test Start: January 18, 2000

Test Finished: March 10, 2000

Sample Identification: SCRATCH + SPARKLE  
Date received: January 12, 2000  
Model / Style, Lot No: NA Not Available  
Origin: United States  
Manufacturer: Scratch-Art Co

DESCRIPTION: Scratch + sparkle



Main used materials

Coatings/paint  
Paper/cardboard

Approximate size(s) (cm)

Card: 14 x 21

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.  
EN 71 covers only the 408 United States & Canada (USA/Canada) CE type of toys.  
For an assessment of several identical samples, but with different quantity, only one sample is subjected to testing according to EN 71, parts 1 and 2.



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Scratch-Art Co.

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DIVISION BIENS DE  
CONSUMMATION DU GROUPE  
BUREAU VERITAS

TEST REPORT No (5400)012 0004  
March 20, 2000  
Page 2/3



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>		
6		
NOT APPLICABLE		
<b>d. WARNINGS AND INSTRUCTIONS FOR USE (Section 7)</b>		
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 <u>General</u>	4.1	Satisfactory

Feb 21 02 03:06P

Scratch Art Co.

508 S. 8th St.



TEST REPORT No (5400)012-0004  
 March 20, 2000  
 Page 3/3



DIVISION DES  
 CONSTATATIONS DU GROUPE  
 BUREAU VERITAS

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

- 012-0004A White paper
- 012-0004B Black coating (47.7 milligrams)
- 012-0004C Clear plastic with silver coating

SOLUBLE ELEMENTS FN 71	012-0004			LIMITS	
	A	B (1)	C	α	β
ARSENIC	< 5	< 5	< 5	25	25
MERCURY	< 10	< 10	< 10	60	25
SELENIUM	< 10	< 10	< 10	500	500
ANTIMONY	< 10	< 10	< 10	60	60
LEAD	< 10	< 10	< 10	90	90
CADMIUM	< 5	< 5	< 5	75	50
BARIIUM	6	< 5	< 5	1000	250
CHROMIUM	< 5	< 5	< 5	60	25

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

- α Any toy material except for modelling clay and finger paint.
- β Modelling clay and finger paint

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

Comments : (1) A test portion of less than 100 mg has been used for testing, the quantity of the appropriate elements was calculated as if 100 mg of test portion had been used

ACTS TESTING LABS

Dominique Billezet,  
 R & D Manager

Feb 21 02 03:06P

Scratch Art Co.

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Page 4

**ALLIED LABORATORIES CORP.**

716 North Iowa Avenue  
Villa Park, IL 60181  
Phone: 630. 279. 0390  
Fax: 630. 279. 3114

22758

4/28/00

Scratch Art Company, Inc.  
11 Robbie Road, 3B1  
P.O.Box 303  
Avon, MA 02322  
Attn; Alicia Polsky

A sample of " Scratch and Sparkle Glitter Board ", a product of Scratch Art Company, Inc., was examined to determine whether or not the product may be considered safe as defined by the Federal Hazardous Substances Act and by ASTM D - 4236.

The product is a board coated with a glossy, silver colored layer, with a black overlay. The layers are applied as slurries or solutions. All of the volatile components of the slurries are evaporated during the curing of the boards prior to the sale of the product to the public.

When used, small portions of the black coloring are scraped off of the board with a wood stylus.

Based on my 40 years of professional experience, I believe this product conforms to ASTM D-4236 standards and will not present chronic health hazards to users. This statement should be placed on the package label for the product.

This conclusion is based on the knowledge that, when properly used, there is only minimal contact of the black coating with the skin. Any small amounts which may adhere to the skin can be easily and safely removed with soap and water.

  
Irving I. Domsky Ph.D.  
Laboratory Director