

Hong Kong Government Recognized Service Supplier  
Approved Laboratory of The Woodmark Company

Members of :

American National Standards Institute  
American Society for Testing and Materials  
British Standards Institute

Hong Kong Association for Testing, Inspection and Certification Limited  
Hong Kong Toys Council

## Test Report

Number: HKGH01011889 S1

Applicant: FACE ART INDUSTRIAL LIMITED  
UNITS D-F 19/F MAI LUEN IND BLDG  
23-31 KUNG YIP ST  
KWAI CHUNG NT  
HK

Date: Jun 09, 2010

Attn: CHERRY LAM

*This is to supersede Report No.  
HKGH01011889 dated Jun 09, 2010*

### Sample Description:

Six (6) submitted samples said to be :

Item name : Bath marker/ body marker in 3 assorted colours:  
(1) Yellow.  
(2) Red.  
(3) Blue.  
Quantity : 1 bottle each.

### Tests conducted:

As requested by the applicant refer to attached page(s) for details.

### Conclusion:

Tested Samples  
Submitted samples

Standard  
U.S. Consumer Product Safety Improvement Act 2008  
Title I Section 101 for total Lead content in non-surface  
coating materials (substrate)

Result  
Pass

### Comment:

The testing scope of the standard was not applicable to the submitted samples. However, the test results of the samples met the related requirements as stated in this report.

- U.S. ASTM F963-08 for toxic elements test.
- EN71 Part 3 : 1994 and amendment A1 : 2000 and AC : 2002.
- Australian / New Zealand Standard AS/NZS ISO 8124-3:2003 for toxic elements test (Australian Trade Practice Act 1974 with Consumer Protection Notice no. 1, 2009 - Consumer Product Safety Standard for Lead and certain elements in children's toys.)

For and on behalf of :  
Intertek Testing Services HK Ltd.



Karen S.C. Ng  
General Manager





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Tests Conducted

1 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

As per Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08 and/or CPSC-CH-E1001-06 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit in ppm</u>
(1)	<10	300
(2)	<10	300
(3)	<10	300

As of August 14, 2011, the limit for total Lead content will be lowered to 100 ppm unless the CPSC determines that a limit of 100 ppm is not technologically feasible for a product or product category.

ppm = parts per million  
< = Less than

Date sample received : May 24, 2010  
Testing period : May 24, 2010 to Jun 08, 2010

2 Toxic Elements Analysis

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-08, acid digestion and extraction methods were used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>(1)</u>	<u>Result in ppm</u>	<u>(3)</u>	<u>Limit</u>
		<u>(2)</u>		<u>ppm</u>
Total Lead (Pb)	<10	<10	<10	90
Sol. Barium (Ba)	12	347	46	1000
Sol. Lead (Pb)	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	25

Sol. = Soluble  
< = Less than  
ppm = parts per million

Date sample received : May 24, 2010  
Testing period : May 24, 2010 to Jun 08, 2010

THIS REPORT IS FOR REFERENCE ONLY, NOT FOR CUSTOMS PURPOSE.



**Test Report**

Number: HKGH01011889 S1

Tests Conducted

3 Toxic Elements Analysis

With reference to European Standard on Safety of Toys EN71 Part 3 : 1994 and amendment A1 : 2000 and AC : 2002, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	(1)	Result in mg/kg (2)	(3)	Limit mg/kg
Sol. Barium (Ba)	12	347	46	1000
Sol. Lead (Pb)	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	25

Sol. = Soluble  
< = Less than  
mg/kg = milligram per kilogram

Date sample received : May 24, 2010  
Testing period : May 24, 2010 to Jun 08, 2010

4 Toxic Elements Analysis

With reference to the Australian / New Zealand Standard AS/NZS ISO 8124-3:2003, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	(1)	Result in mg/kg (2)	(3)	Limit mg/kg
Sol. Barium (Ba)	12	347	46	1000
Sol. Lead (Pb)	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	500
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Sol. Arsenic (As)	<2.5	<2.5	<2.5	25

Sol. = Soluble  
< = Less than  
mg/kg = milligram per kilogram

Date sample received : May 24, 2010  
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End of report





