

Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark 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: HKGH01011897

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

Date: Jun 09, 2010

Sample Description:

Six (6) submitted samples said to be :

Item name : Face (body) crayon (O) in 6 assorted colours:
(1) Black.
(2) Red.
(3) Yellow.
(4) Blue.
(5) Green.
(6) White.

Quantity : 1 bag each.

Tests conducted:

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

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

To be continued

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



Karen S.C. Ng
General Manager



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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

.....
Total Lead Content

.....
See details enclosed

Comment:

The testing scope of the following standards were 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 A2 : 2002.
- Australian / New Zealand Standard AS/NZS ISO 3124-3:2003 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.)

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Karen S.C. Ng
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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-E1001-08 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Sample</u>	<u>Result in ppm</u>	<u>Limit in ppm</u>
(1)	<10	300
(2)	<10	300
(3)	<10	300
(4)	<10	300
(5)	<10	300
(6)	<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 Total Lead (Pb) Content

As per client request and with reference to the guidance from the U.S. Consumer Product Safety Commission for Crayon, acid digestion method was used and total lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Sample</u>	<u>Result in %</u>	<u>Guidance Value in %</u>
(1)	<0.001	0.01
(2)	<0.001	0.01
(3)	<0.001	0.01
(4)	<0.001	0.01
(5)	<0.001	0.01
(6)	<0.001	0.01

Date sample received : May 24, 2010
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3 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.

	(1)	(2)	Result in ppm		(5)	(6)	Limit
	<10	<10	(3)	(4)	<10	<10	ppm
Total Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

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

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4 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)	(2)	Result in mg/kg			(6)	Limit
			(3)	(4)	(5)		Mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

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

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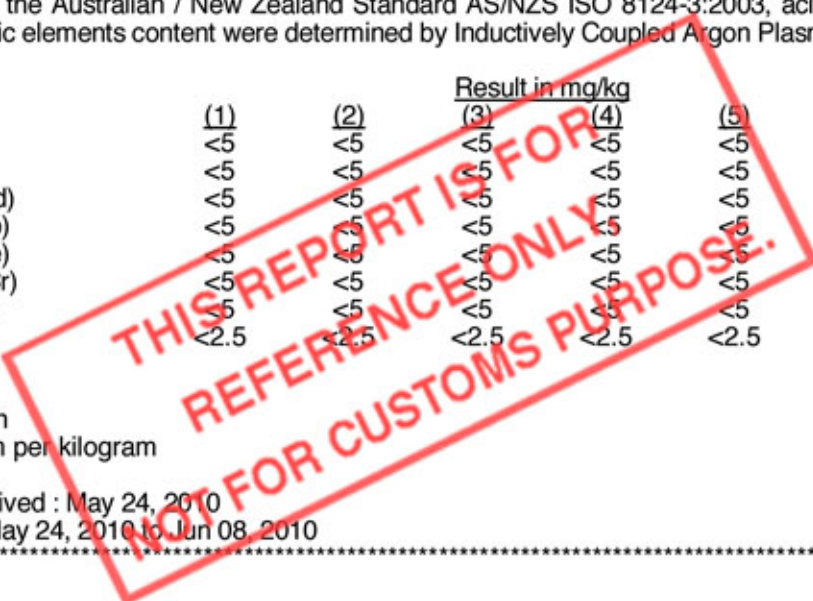
5 Toxic Elements Analysis

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.

	Result in mg/kg						Limit
	(1)	(2)	(3)	(4)	(5)	(6)	Mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

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End of report

