



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: HKGH0128045502

Applicant: NEAT-OH! INTERNATIONAL, LLC  
790 FRONTAGE ROAD SUITE 303  
NORTHFIELD  
IL 60093  
USA  
Attn: ELAN FELDMAN

Date: Mar 08, 2012

**Sample Description:**

Twelve (12) pieces of submitted sample said to be :

- Item Name : - #A1341X4 Neat-Oh!® Full Throttle™ Roadville 2-Sided Playmat with police car or red car
  - #A1341X5 Neat-Oh!® Full Throttle™ Construction Zone 2-Sided Playmat with dump truck or front loader
  - #A1342X5 Neat-Oh!® Dinosaur Prehistoric World 2-Sided Playmat
  - #A1342X6 Neat-Oh!® Farmland™ 2-Sided Playmat with tractor, farmer, horse, cow, and/or dog
  - #M1343X4 2-Sided Playmat Assortment with Floor Standing Display Tray
  - #A1540XX Neat-Oh!® Dinosaur Fold Up Playmat
  - #A1554XX Neat-Oh!® Farmland™ Fold Up Playmat with tractor, farmer, horse, cow, and/or dog
  - #A1433X1 LEGO® Star Wars™ ZipBin® Toy Box & Playmat
  - #A1436XX LEGO® Star Wars™ ZipBin® TIE Fighter™ Carry Case & Playmate
  - #A1492XX LEGO® Star Wars™ ZipBin® Large Millennium Falcon™ Messenger Bag
  - #A1506XX ZipBin® Full Throttle™ Space Bring Along Backpack with astronaut, space shuttle, and/or planes
  - #A1518XX Barbie™ Neat-Oh!® Fashion Show
  - #A1536XX ZipBin® Dinosaur Explorer Day Tote Playmat
- Labelled Age Group : "3+"
- Packaging Provided : Yes
- Manufacturer : Huizhou Take Point Manufacturing Co., Ltd.
- Country of Origin : China
- \*\*\*\*\*

To be continued

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

Karen S.C. Ng  
General Manager



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

To be continued

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 General Manager





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**Test Report**

Number: HKGH0128045502

Conclusion:

Tested samples  
Submitted samples

Standard  
U.S. CFR Title 16 (CPSC Regulations)  
mechanical and physical tests  
1500.48 Sharp point  
1500.49 Sharp edge

Result  
Pass

U.S. CFR Title 16 (CPSC Regulations)  
Part 1500.3(c)(6)(vi) flammability test on rigid and pliable  
solids

Pass

U.S. ASTM F963-11  
Physical and mechanical tests

Pass

U.S. ASTM F963-11 for flammability test of materials  
other than textile materials

Pass

U.S. ASTM F963-11 for flammability test of textile  
materials

Pass

Tested components of  
submitted samples

U.S. ASTM F963-11 for heavy elements test

Pass

Phthalate content requirement in the consent judgement  
No. BG07350969 settled by superior court of the state of  
California for the county of Alameda, for toys (designed  
for or reasonable used by children under six years of  
age) based on the California Proposition 65

See Details Enclosed

Lead content requirement in the Consent Judgement no.  
BG-350969 / RG-356892 settled by Superior Court of the  
State of California for the County of Alameda, for toys  
(designed for or reasonable used by children under six  
years of age) based on the California Proposition 65

See Details Enclosed

U.S. Code of Federal Regulations Title 16 CFR 1303 for  
total Lead content in surface coating

Pass

U.S. Consumer Product Safety Improvement Act 2008  
Title I Section 101 for total Lead content in surface  
coating

Pass

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To be continued

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**Test Report**

Number: HKGH0128045502

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 for total Lead content in non-surface coating materials (substrate)	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 108 for Phthalate content	Pass

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**Test Report**

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Tests Conducted

1 Physical and Mechanical Test

As per U.S. code of Federal Regulations Title 16 Part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

Applicant's specified age group for testing : Ages over 3 years.

	No. of sample tested	Sharp point (1500.48)	Sharp edge (1500.49)	Small part (1501)
As received	2	P	P	NA
Impact (1500.53 (b))	1	P	P	NA
Flexure (1500.53 (d))	0	NA	NA	NA
Torque (1500.53 (e))	1	P	P	NA
Tension (1500.53 (f))	1	P	P	NA
Compression (1500.53 (g))	1	P	P	NA

Remark : P = Pass  
 NA = Not applicable

Date sample received : Feb 13, 2012  
 Testing period : Feb 13, 2012 to Feb 17, 2012

2 Flammability Test

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u>	<u>Time</u>	<u>Burn rate</u>	<u>Round up burn rate</u>	<u>Limit</u>
		(inch)	(sec)	(inch/sec)	(inch/sec)	(inch/sec)
Mat	Corner	7.0	60	0.12	0.1	0.10

All styles of the toy sample and its accessories were tested, the above result only showed the most severe burn rate.

Date sample received : Feb 13, 2012  
 Testing period : Feb 13, 2012 to Feb 17, 2012

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**Test Report**

Number: HKGH0128045502

Tests Conducted

3 Physical And Mechanical Tests

As per the ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

Applicant's specified age group for testing : Ages over 3 years.

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	P
4.12	Packaging film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords, straps and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	P
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	P



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<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer/distributor (toy and package) - address (toy and package)	Yes Yes

Remark : P = Pass

NA = Not applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Feb 13, 2012

Testing period : Feb 13, 2012 to Feb 17, 2012

4 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u> (inch)	<u>Time</u> (sec)	<u>Actual</u> <u>Burn rate</u> (inch/sec)	<u>Round up burn</u> <u>rate</u> (inch/sec)	<u>Limit</u> (inch/sec)
Mat	Corner	7.0	60	0.12	0.1#	0.10

All styles of the submitted toy samples and its accessories were tested, the above result only showed the most severe burn rate of the samples.

Remark : # = According to the ASTM F963 flammability requirement, the burn rate shall be round up to the nearest tenth.

Date sample received : Feb 13, 2012

Testing period : Feb 13, 2012 to Feb 17, 2012

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**Test Report**

Number: HKGH0128045502

Tests Conducted

5 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11.

Result : The fabric sample was tested and passed the requirements.

Tested Component : Non-woven with coating.

Date sample received : Feb 13, 2012

Testing period : Feb 13, 2012 to Feb 16, 2012

6 Heavy Elements Analysis in Surface Coating

As per Section 4.3.5.1(2) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result in ppm</u>							<u>Limit</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>(6)</u>	<u>(7)</u>	<u>ppm</u>
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Sol. = Soluble

< = Less than

ppm = parts per million

Tested Components :

- (1) Red coating on plastic (light grey plane of space bring along backpack, red car of farmland 2-sided playmat, farmland fold up playmat, eyes of parasaurolophus of Dinosaur perhistoric world playmat).
- (2) Light grey coating on plastic (light grey plane of space bring along backpack).
- (3) Dark grey coating on plastic (dark grey plane of space bring along backpack).
- (4) Black coating on plastic (dark grey plane & space shuttle of space bring along backpack, eyes of ornithomimus & triceratops of dinosaur explorer day tote playmat, Dinosaur perhistoric world 2-sided playmat, eyes of velociraptor of Dinosaur perhistoric world 2-sided playmat, cow, car, horse, eyes of man of farmland 2-sided playmat, farmland fold up playmat).
- (5) Coatings (light blue, brown) on plastic (velociraptor of Dinosaur perhistoric world playmat).
- (6) Coatings (light green, dark brown) on plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (7) Coatings (black, white) on woven (sewn-in label of all style).

Remark : As requested by the applicant, heavy elements content test were conducted only on components listed in this report. Other components were not tested.

Date sample received : Feb 13, 2012 and Feb 17, 2012

Testing period : Feb 13, 2012 to Feb 22, 2012

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**Test Report**

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Tests Conducted

7 Heavy Elements Analysis in Non-Surface Coating Materials (Substrate except modelling clay)

As per Section 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result in ppm</u>						<u>Limit</u>
	(1)	(2)	(3)	(4)	(5)	(6)	ppm
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

	<u>Result in ppm</u>						<u>Limit</u>
	(7)	(8)	(9)	(10)	(11)	(12)	ppm
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

	<u>Result in ppm</u>			<u>Limit</u>
	(13)	(14)	(15)	ppm
Sol. Barium (Ba)	<5	<5	<5	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

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**Test Report**

Number: HKGH0128045502

Tests Conducted

Tested Components :

- (1) White PVC plastic (dog & cow & horse & man & red car of farmland 2-sided playmat, farmland fold up playmat, light grey plane & dark grey plane & space shuttle & astronaut of space bring along backpack).
- (2) Light flesh colour PVC plastic (velociraptor of Dinosaur perhistoric world playmat).
- (3) Light green PVC plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (4) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (5) Black plastic (buckle of large millennium falcon messenger bag).
- (6) Black elastic band (pocket edge of Barbie Neat-Oh! Fashion show) (internal(CN4)).
- (7) Black plastic (zipper teeth of tie fighr carry case & playmat, large millennium falcon messenger bag).
- (8) Red plastic (zipper teeth of space bring along backpack).
- (9) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (10) Green velcro (dinosaur explorer day tote playmat).
- (11) Blue velcro (toy box & playmat).
- (12) Black velcro (Barbie Neat-Oh! Fashion Show).
- (13) Blue plastic (zipper teeth of toy box & playmat).
- (14) White foam (Dinosaur explorer day tote playmat) (internal).
- (15) Transparent plastic (body of all style).

Remark : As requested by the applicant, heavy elements content test was conducted only on components listed in this report. Other components were not tested.

Date sample received : Feb 13, 2012  
 Testing period : Feb 13, 2012 to Feb 22, 2012

8 Total Lead (Pb) Content

As per Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1001-08.1, CPSC-CH-E1002-08.1 or/and CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1/2/3)	<20	90
(4)	<20	90

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(5/6/7)	<20	100
(8/9/10)	<20	100
(11/19)	<20	100
(12/13)	<20	100
(14/15/16)	<20	100
(17/18)	<20	100

ppm = parts per million  
 < = Less than

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**Test Report**

Number: HKGH0128045502

Tests Conducted

Tested Components :

- (1) Light grey coating on plastic (light grey plane of space bring along backpack).
- (2) Dark grey coating on plastic (dark grey plane of space bring along backpack).
- (3) Black coating on plastic (dark grey plane & space shuttle of space bring along backpack, eyes of ornithomimus & triceratops of dinosaur explorer day tote playmat, Dinosaur perhistoric world 2-sided playmat, eyes of velociraptor of Dinosaur perhistoric world 2-sided playmat, cow, car, horse, eyes of man of farmland 2-sided playmat, farmland fold up playmat).
- (4) Coatings (black, white) on woven (sewn-in label of all style).
- (5) White PVC plastic (dog & cow & horse & man & red car of farmland 2-sided playmat, farmland fold up playmat, light grey plane & dark grey plane & space shuttle & astronaut of space bring along backpack).
- (6) Light flesh colour PVC plastic (velociraptor of Dinosaur perhistoric world playmat).
- (7) Light green PVC plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (8) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (9) Black plastic (buckle of large millennium falcon messenger bag).
- (10) Black elastic band (pocket edge of Barbie Neat-Oh! Fashion show) (internal(CN4)).
- (11) Black plastic (zipper teeth of tie fighr carry case & playmat, large millennium falcon messenger bag).
- (12) Red plastic (zipper teeth of space bring along backpack).
- (13) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (14) Green velcro (dinosaur explorer day tote playmat).
- (15) Blue velcro (toy box & playmat).
- (16) Black velcro (Barbie Neat-Oh! Fashion Show).
- (17) Blue plastic (zipper teeth of toy box & playmat).
- (18) White foam (Dinosaur explorer day tote playmat) (internal).
- (19) Transparent plastic (body of all style).

Remark : As requested by the applicant, total Lead content test was conducted only on components listed in this report. Other components were not tested.

Date sample received : Feb 13, 2012 and Feb 17, 2012

Testing period : Feb 13, 2012 to Feb 22, 2012

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**Test Report**

Number: HKGH0128045502

Tests Conducted

9 Phthalate Content Test

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (% w/w)</u>				<u>Limit (% w/w)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3/4/5)</u>	<u>(6/7)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DnHP)	<0.01	<0.01	<0.01	<0.01	0.1

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	<u>(8/15)</u>	<u>(9/10/14)</u>	<u>(11/12/13)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DnHP)	<0.01	<0.01	<0.01	0.1

Remark: The above limit was quoted from the consent judgement No. BG07350969 settled by superior court of the state of California for the county of Alameda, for toys (designed for or reasonable used by children under six years of age) based on the California Proposition 65.

< = Less than

Tested Components :

- (1) Coatings on plastic (light grey plane & dark grey plane of space bring along backpack, velociraptor & parasaurolophus of Dinosaur perhistoric world playmat).
- (2) Coatings (black, white) on woven (sewn-in label of all style).
- (3) White PVC plastic (dog & cow & horse & man & red car of farmland 2-sided playmat, farmland fold up playmat, light grey plane & dark grey plane & space shuttle & astronaut of space bring along backpack).
- (4) Light flesh colour PVC plastic (velociraptor of Dinosaur perhistoric world playmat).
- (5) Light green PVC plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (6) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (7) Black plastic (buckle of large millennium falcon messenger bag).
- (8) Black plastic (zipper teeth of tie fighr carry case & playmat, large millennium falcon messenger bag).
- (9) Red plastic (zipper teeth of space bring along backpack).
- (10) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (11) Green velcro (dinosaur explorer day tote playmat).
- (12) Blue velcro (toy box & playmat).
- (13) Black velcro (Barbie Neat-Oh! Fashion Show).
- (14) Blue plastic (zipper teeth of toy box & playmat).
- (15) Transparent plastic (body of all style).

Date sample received : Feb 13, 2012

Testing period : Feb 13, 2012 to Feb 16, 2012

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**Test Report**

Number: HKGH0128045502

Tests Conducted

10 Total Lead (Pb) content

By acid digestion method and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(1/2/3)	<0.002	0.009
(4)	<0.002	0.009

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(5/6/7)	<0.002	0.02
(8/9/10)	<0.002	0.03
(11/21)	<0.002	0.03
(12/13)	<0.002	0.03
(14/15/16)	<0.002	0.03
(17)	0.002	0.03
(18)	0.002	0.03
(19/20)	<0.002	0.03

The above limit was quoted from the Consent Judgement no. BG-350969, RG-356892 settled by Superior Court of the State of California for the County of Alameda, for toys based on the California Proposition 65.

Remark :

< = less than

Tested Components :

- (1) Light grey coating on plastic (light grey plane of space bring along backpack).
- (2) Dark grey coating on plastic (dark grey plane of space bring along backpack).
- (3) Black coating on plastic (dark grey plane & space shuttle of space bring along backpack, eyes of ornithomimus & triceratops of dinosaur explorer day tote playmat, Dinosaur perhistoric world 2-sided playmat, eyes of velociraptor of Dinosaur perhistoric world 2-sided playmat, cow, car, horse, eyes of man of farmland 2-sided playmat, farmland fold up playmat).
- (4) Coatings (black, white) on woven (sewn-in label of all style).
- (5) White PVC plastic (dog & cow & horse & man & red car of farmland 2-sided playmat, farmland fold up playmat, light grey plane & dark grey plane & space shuttle & astronaut of space bring along backpack).
- (6) Light flesh colour PVC plastic (velociraptor of Dinosaur perhistoric world playmat).
- (7) Light green PVC plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (8) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (9) Black plastic (buckle of large millennium falcon messenger bag).
- (10) Black elastic band (pocket edge of Barbie Neat-Oh! Fashion show) (internal(CN4)).

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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: HKGH0128045502

Tests Conducted

Tested Components :

- (11) Black plastic (zipper teeth of tie fight carry case & playmat, large millennium falcon messenger bag).
- (12) Red plastic (zipper teeth of space bring along backpack).
- (13) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (14) Green velcro (dinosaur explorer day tote playmat).
- (15) Blue velcro (toy box & playmat).
- (16) Black velcro (Barbie Neat-Oh! Fashion Show).
- (17) Silver color plated metal (zipper slider of large millennium falcon messenger bag, tie fight carry case & playmat, space bring along backpack, dinosaur explorer day tote playmat).
- (18) Silver color plated metal (zipper puller of large millennium falcon messenger bag, tie fight carry case & playmat, space bring along backpack, dinosaur explorer day tote playmat).
- (19) Blue plastic (zipper teeth of toy box & playmat).
- (20) White foam (Dinosaur explorer day tote playmat) (internal).
- (21) Transparent plastic (body of all style).

Remark : As requested by the applicant, total Lead content test was conducted only on components listed in this report. Other components were not tested.

Date sample received : Feb 13, 2012 and Feb 17, 2012

Testing period : Feb 13, 2012 to Feb 22, 2012

11 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1 was 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>
(1/2/3)	<20	90
(4)	<20	90

ppm = mg/kg = milligram per kilogram  
< = Less than

Tested Components :

- (1) Light grey coating on plastic (light grey plane of space bring along backpack).
- (2) Dark grey coating on plastic (dark grey plane of space bring along backpack).
- (3) Black coating on plastic (dark grey plane & space shuttle of space bring along backpack, eyes of ornithomimus & triceratops of dinosaur explorer day tote playmat, Dinosaur perhistoric world 2-sided playmat, eyes of velociraptor of Dinosaur perhistoric world 2-sided playmat, cow, car, horse, eyes of man of farmland 2-sided playmat, farmland fold up playmat).
- (4) Coatings (black, white) on woven (sewn-in label of all style).

Remark : As requested by the applicant, total Lead content test was conducted only on components listed in this report. Other components were not tested.

Date sample received : Feb 13, 2012 and Feb 17, 2012

Testing period : Feb 13, 2012 to Feb 22, 2012

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**Test Report**

Number: HKGH0128045502

Tests Conducted

12 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-E1002-08.1 and/or CPSC-CH-E1001.08.1 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>
(1/2/3)	<20	100
(4/5/6)	<20	100
(7/8/9)	<20	100
(10/11/12)	<20	100
(13)	20	100
(14)	21	100
(15/16/17)	<20	100

ppm = parts per million = mg/kg  
< = Less than

Remark : As requested by the applicant, total Lead content test was conducted only on components listed in this report. Other components were not tested.

Tested Components :

- (1) White PVC plastic (dog & cow & horse & man & red car of farmland 2-sided playmat, farmland fold up playmat, light grey plane & dark grey plane & space shuttle & astronaut of space bring along backpack).
- (2) Light flesh colour PVC plastic (velociraptor of Dinosaur perhistoric world playmat).
- (3) Light green PVC plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (4) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (5) Black plastic (buckle of large millennium falcon messenger bag).
- (6) Black elastic band (pocket edge of Barbie Neat-Oh! Fashion show) (internal(CN4)).
- (7) Black plastic (zipper teeth of tie fighr carry case & playmat, large millennium falcon messenger bag).
- (8) Red plastic (zipper teeth of space bring along backpack).
- (9) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (10) Green velcro (dinosaur explorer day tote playmat).
- (11) Blue velcro (toy box & playmat).
- (12) Black velcro (Barbie Neat-Oh! Fashion Show).
- (13) Silver color plated metal (zipper slider of large millennium falcon messenger bag, tie fighr carry case & playmat, space bring along backpack, dinosaur explorer day tote playmat).
- (14) Silver color plated metal (zipper puller of large millennium falcon messenger bag, tie fighr carry case & playmat, space bring along backpack, dinosaur explorer day tote playmat).
- (15) Blue plastic (zipper teeth of toy box & playmat).
- (16) White foam (Dinosaur explorer day tote playmat) (internal).
- (17) Transparent plastic (body of all style).

Date sample received : Feb 13, 2012

Testing period : Feb 13, 2012 to Feb 22, 2012

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**Test Report**

Number: HKGH0128045502

Tests Conducted

13 Phthalate Content Test

As per Standard Operating Procedure for Determining Phthalates, test method CPSC-CH-C1001-09.3 was used and phthalate content was determined by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%. w/w)</u>				<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3/4/5)</u>	<u>(6/7)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	<0.01	0.1

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(8/15)</u>	<u>(9/10/14)</u>	<u>(11/12/13)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

< = Less than

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**Test Report**

Number: HKGH0128045502

Tests Conducted

Tested Components :

- (1) Coatings on plastic (light grey plane & dark grey plane of space bring along backpack, velociraptor & parasaurolophus of Dinosaur perhistoric world playmat).
- (2) Coatings (black, white) on woven (sewn-in label of all style).
- (3) White PVC plastic (dog & cow & horse & man & red car of farmland 2-sided playmat, farmland fold up playmat, light grey plane & dark grey plane & space shuttle & astronaut of space bring along backpack).
- (4) Light flesh colour PVC plastic (velociraptor of Dinosaur perhistoric world playmat).
- (5) Light green PVC plastic (parasaurolophus of Dinosaur perhistoric world playmat).
- (6) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (7) Black plastic (buckle of large millennium falcon messenger bag).
- (8) Black plastic (zipper teeth of tie fighr carry case & playmat, large millennium falcon messenger bag).
- (9) Red plastic (zipper teeth of space bring along backpack).
- (10) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (11) Green velcro (dinosaur explorer day tote playmat).
- (12) Blue velcro (toy box & playmat).
- (13) Black velcro (Barbie Neat-Oh! Fashion Show).
- (14) Blue plastic (zipper teeth of toy box & playmat).
- (15) Transparent plastic (body of all style).

Date sample received : Feb 13, 2012

Testing period : Feb 13, 2012 to Feb 16, 2012

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End of report

