



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: HKGH01280501

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

Date: Feb 23, 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 & Playmat
- #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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Karen S.C. Ng
General Manager





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Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	Australian / New Zealand Standard AS/NZS ISO 8124-1:2010 + A1:2011 safety aspects related to mechanical and physical properties	Pass
	Australian / New Zealand Standard AS/NZS ISO 8124-2:2009 for flammability test	Pass
Tested components of submitted samples	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.)	Pass
	Australian Customs Notice no. 2007/46 - amendments to the Customs (Prohibited Imports) Regulations 1956 Schedule 2 Item 2 for toxic elements test.	Pass

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

Karen S.C. Ng
General Manager



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Tests Conducted

1 Physical And Mechanical Tests

As per the Australian / New Zealand Standard AS/NZS ISO 8124-1:2010 + A1:2011 safety aspects related to mechanical and physical properties.

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

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the clause 5.24 of AS/NZS ISO 8124-1 : 2010 before the assessment of the relevant requirement in clause 4 :

<u>Clause</u>	<u>Test</u>	<u>Parameter</u>
5.24.2	Drop test	4x93±5cm
5.24.5	Torque test	0.45±0.02Nm
5.24.6	Tension test	70±2N
5.24.7	Compression test	136±2N

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4.1	Small parts	NA
4.4.2	Small part warning	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastic	NA
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirement	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Aquatic toys	NA
4.20	Braking	NA
4.21	Toy bicycles	NA
4.22	Speed limitation of electrically driven ride-on toys	NA
4.23	Toys containing a heat source	NA



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<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.24	Liquid-filled toys	NA
4.25	Mouth-actuated toys	NA
4.26	Toy roller skates, toy inline skates and toy skateboards	NA
4.27	Percussion caps	NA
4.28	Acoustic requirements	NA
4.29	Toy scooters	NA
4.30	Magnets	NA
Annex B	Safety labeling guidelines and manufacturer's markings	P
Annex D	Toy gun marking	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 the Australian / New Zealand Standard AS/NZS ISO 8124-2:2009.

<u>Clause</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	General	P
4.2	Toys to be worn on the head	NA
4.3	Toy disguise costumes and toys intended to be worn by a child in a play	NA
4.4	Toys intended to be entered by a child	NA
4.5	Soft-Filled Toys (animals and dolls, etc.) with a piled or textile surface	P

Remark : P = Pass NA = Not applicable

Additional Information : Butane gas was used in the test burner.

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Tests Conducted

3 Toxic Elements Analysis

As per 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.

	<u>Result in mg/kg</u>						<u>Limit</u>
	(2)	(3)	(4)	(5)	(6)	(7)	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

	<u>Result in mg/kg</u>						<u>Limit</u>
	(8)	(9)	(10)	(11)	(12)	(13)	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

	<u>Result in mg/kg</u>						<u>Limit</u>
	(14)	(15)	(16)	(17)	(18)	(19)	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

	<u>Result in mg/kg</u>						<u>Limit</u>
	(20)	(21)	(22)	(23)	(24)	(25)	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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	Result in mg/kg						Limit mg/kg
	(26)	(27)	(28)	(29)	(30)	(31)	
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

	Result in mg/kg						Limit mg/kg
	(32)	(33)	(34)	(35)	(36)	(37)	
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

Tested Components :

- (1)@ Yellow coating on plastic (window of light grey plane & dark grey plane of space bring along backpack, eyes of velociraptor of Dinosaur prehistoric world 2-sided playmat).
- (2) 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 prehistoric world playmat).
- (3) Light grey coating on plastic (light grey plane of space bring along backpack).
- (4) Dark grey coating on plastic (dark grey plane of space bring along backpack).
- (5) 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 prehistoric world 2-sided playmat, eyes of velociraptor of Dinosaur prehistoric world 2-sided playmat, cow, car, horse, eyes of man of farmland 2-sided playmat, farmland fold up playmat).
- (6) Coatings (light blue, brown) on plastic (velociraptor of Dinosaur prehistoric world playmat).
- (7) Coatings (light green, dark brown) on plastic (parasaurolophus of Dinosaur prehistoric world playmat).
- (8) Coatings (black, white) on woven (sewn-in label of all style).
- (9) 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).
- (10) Light flesh colour PVC plastic (velociraptor of Dinosaur prehistoric world playmat).
- (11) Light green PVC plastic (parasaurolophus of Dinosaur prehistoric world playmat).
- (12) Translucent plastic sheet (pocket of large millennium falcon messenger bag).
- (13) Black plastic (buckle of large millennium falcon messenger bag).
- (14) Transparent plastic sheet with light red/ dark blue/ light green thread (body of all style).
- (15) Dark red fabric with white/ light yellow/ yellow/ black thread stitching (logo of space bring along backpack, Dinosaur explorer day tote playmat).
- (16) Black woven with black thread (zipper tape of large millennium falcon messenger bag, tie fighter carry case & playmat).





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Tested Components :

- (17) Black elastic band (pocket edge of Barbie Neat-Oh! Fashion show) (internal(CN4)).
- (18) Black plastic (zipper teeth of tie fighter carry case & playmat, large millennium falcon messenger bag).
- (19) Red plastic (zipper teeth of space bring along backpack).
- (20) Green plastic (zipper teeth of dinosaur explorer day tote playmat).
- (21) Green velcro (dinosaur explorer day tote playmat).
- (22) Blue velcro (toy box & playmat).
- (23) Black velcro (Barbie Neat-Oh! Fashion Show).
- (24) White woven excluding coatings and with purple thread (sewn-in label of all style).
- (25) Red woven (zipper tape of space bring along backpack).
- (26) Red non woven fabric with red thread (handle & edge & strap of space bring along backpack).
- (27) Black non woven fabric (staple, handle, binding, pocket edge of large millennium falcon messenger bag, Barbie Neat-Oh! Fashion show, tie fighter carry case & playmat, edge of roadville 2-sided playmat, construction zone 2-sided playmat).
- (28) Dark green woven (zipper tape of Dinosaur explorer day tote playmat).
- (29) Dark green non woven fabric (handle & edge of Dinosaur explorer day tote playmat).
- (30) Green string (zipper puller of Dinosaur explorer day tote playmat).
- (31) Blue string (zipper puller of toy box & playmat).
- (32) Blue woven (zipper tape of toy box & playmat).
- (33) Dark blue non-woven fabric (staple, handle, binding of toy box & playmat).
- (34) Black net (pocket of Barbie Neat-Oh! Fashion show).
- (35) Brown non-woven fabric with dark brown printing (body of Dinosaur explorer day tote playmat).
- (36) Dark red non-woven fabric (farmland fold up playmat).
- (37) Blue plastic (zipper teeth of toy box & playmat).

@ : Since the sample weight of the component was less than 10 mg, soluble elements analysis was not conducted.

Remark :

As requested by the applicant, toxic elements content test were 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

End of report

