



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: HKGH01498351 S1

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

Date: Jun 25, 2013

*This is to supersede Report No.
HKGH01498351 dated Jun 07, 2013*

Sample Description:

One (1) set of submitted sample said to be :
Item No. / Name

- : - #A1640XX Hot Wheels™ ZipBin® Crash Racer (Blue without car)
- #A1640X1 Hot Wheels™ ZipBin® Crash Racer (Blue with car)
- #A1640X2 Hot Wheels™ ZipBin® Crash Racer (Green without car)
- #A1640X3 Hot Wheels™ ZipBin® Crash Racer (Green with car)
- #A1640X4 Hot Wheels™ ZipBin® Crash Racer (Red without car)
- #A1640X5 Hot Wheels™ ZipBin® Crash Racer (Red with car)
- #A1640X6 Hot Wheels™ ZipBin® Crash Racer (Yellow without car)
- #A1640X7 Hot Wheels™ ZipBin® Crash Racer (Yellow with car)
- #A1450XX Hot Wheels™ ZipBin® Collector Case

Labelled Age Group : "3+"
 Packaging Provided : Yes
 Manufacturer : Huizhou Take Point Manufacturing Co. Ltd.
 Country of Origin : China

Applicant's Reference

M1700XX	Hot Wheels™ ZipBin® Crash Racer Backpack w/o Car Assortment (2 blue, 2 red, 1 green, 1 yellow)
M1700X1	Hot Wheels™ ZipBin® Crash Racer Backpack w/ Car Assortment (2 blue, 2 red, 1 green, 1 yellow)
M1700X2	Hot Wheels™ ZipBin® Crash Racer Backpack w/o Car Assortment (1 blue, 1 red, 1 green, 1 yellow)
M1700X3	Hot Wheels™ ZipBin® Crash Racer Backpack w/ Car Assortment (1 blue, 1 red, 1 green, 1 yellow)

Date sample received : May 27, 2013
Testing period : May 27, 2013 to Jun 04, 2013

To be continued

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

Angel Y.F. Cheung
Vice President



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Sample Description:



Tests conducted:

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

To be continued

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Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample set	Australian / New Zealand Standard AS/NZS ISO 8124-1:2010 + A1:2011 + A2:2012 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 sample set	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

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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 + A2:2012 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 + A1:2011 + A2:2012 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
4.24	Liquid-filled toys	NA





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<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
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 : May 27, 2013

Testing period : May 27, 2013 to Jun 03, 2013

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	NA

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>
	(1)	(2)	(3)	(8)	(10)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result in mg/kg</u>					<u>Limit</u>
	(11)	(12)	(13)	(14)	(15)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result in mg/kg</u>					<u>Limit</u>
	(16)	(17)	(18)	(19)	(20)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result in mg/kg</u>					<u>Limit</u>
	(21)	(22)	(23)	(24)	(25)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25



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	<u>Result in mg/kg</u>					<u>Limit</u>
	<u>(26)</u>	<u>(27)</u>	<u>(28)</u>	<u>(29)</u>	<u>(30)</u>	<u>mg/kg</u>
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result in mg/kg</u>			<u>Limit</u>
	<u>(31)</u>	<u>(32)</u>	<u>(33)</u>	<u>mg/kg</u>
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

mg/kg = milligram per kilogram

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Coatings (black, red, yellow) on metal (body of black car).
- (3) Silver color vacuum plated coating on plastic (base of black car, body of white, silver car).
- (4) @ Coatings (black, greenish blue, green) on plastic (body of white car).
- (5) @ Gold color hot stamp foil coating on plastic (wheels of white car, black car).
- (6) @ Coatings (lacquer, orange, white, deep grey) on plastic (body of blue car).
- (7) @ Metallic orange hot stamp foil coating on plastic (wheels of blue car).
- (8) Coatings (dull green, black) on metal (base of silver car).
- (9) @ Coating (red, black, white, yellow) on plastic (logo, wheels of silver car).
- (10) Shiny black plastic (wheels of all cars).
- (11) Transparent green plastic (wind shield of white car).
- (12) Dull white plastic (body of white car).
- (13) Off-white plastic excluding coatings (body of white car).
- (14) White plastic excluding silver color coating (base of black car).
- (15) Transparent dull green plastic (wind shield of silver car).
- (16) Deep grey plastic (body of silver car).
- (17) Black plastic excluding coatings (body of silver car).
- (18) Transparent purple plastic (wind shield of blue car).
- (19) Blue plastic (body of blue car).
- (20) Transparent red plastic (wind shield of black car).





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Tested Components :

- (21) Red plastic (zipper teeth of storage toy box of collector case).
- (22) Transparent plastic sheet (pocket of storage toy box of collector case).
- (23) Black plastic (zipper teeth of all bags).
- (24) Dull black plastic (buckle of all bags).
- (25) Transparent plastic sheet backed with non-woven fabric (all bags, storage toy box of collector case).
- (26) Red elastic band (lining of pocket of storage toy box of collector case).
- (27) Red non-woven fabric with red thread (handle, lining of collector case).
- (28) Red fabric with black thread (zipper tape of collector case).
- (29) Red velcro (velcro of collector case).
- (30) Red string (string of collector case).
- (31) Black fabric (zipper tape of all bags).
- (32) Black non-woven fabric with orange thread (lining, band, handle of all bags).
- (33) White woven excluding coatings (sewn-in label of all styles).

@ : Since the sample weight of the component was less than 10 mg, soluble heavy metal analysis was not applicable.

Date sample received : May 27, 2013

Testing period : May 27, 2013 to Jun 04, 2013

End of report

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