



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: HKGH01498348 S1

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

Date: Jun 25, 2013

Attn: ELAN FELDMAN

*This is to supersede report No.  
HKGH01498348 dated Jun 10, 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  
 Date sample received : May 27, 2013  
 Testing Period : May 27, 2013 to Jun 08, 2013  
 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)

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To be continued

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

Angel Y.F. Cheung  
Vice President



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**Test Report**

Number: HKGH01498348 S1



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Tests conducted:

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

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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample set	U.S. ASTM F963-11 for Physical and mechanical tests	Pass
	U.S. ASTM F963-11 for flammability test of materials other than textile materials	Pass
Tested components of submitted sample set	U.S. ASTM F963-11 for heavy elements test	Pass

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To be continued

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Number: HKGH01498348 S1

**Conclusion:**

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample set	U.S. CFR Title 16 (CPSC Regulations) mechanical and physical tests 1500.48 Sharp point 1500.49 Sharp edge	Pass
	U.S. CFR Title 16 (CPSC Regulations) Part 1500.3(c)(6)(vi) flammability test on rigid and pliable solids	Pass
Tested components of submitted sample set	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
	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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<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted sample set	Illinois Lead Poisoning Prevention Act 410 ILCS 45 for total Lead content requirement	Pass
	Phthalate content requirement in the consent judgment No. BG-350969 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

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

1 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	NA
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

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	P
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 : May 27, 2013

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

2 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>Burn rate</u> (inch/sec)	<u>Limit</u> (inch/sec)
Backpack	Corner	1.0	60	0.02	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.

Date sample received : May 27, 2013

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

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

3 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	1	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 : May 27, 2013  
Testing period : May 27, 2013 to Jun 03, 2013

4 Flammability Test

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

Sample	Ignition point	Burn length (inch)	Time (sec)	Burn rate (inch/sec)	Limit (inch/sec)
Backpack	Corner	1.0	60	0.02	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 : May 27, 2013  
Testing period : May 27, 2013 to Jun 03, 2013

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

5 Heavy Elements Analysis

As per Section 4.3.5.1(2) and 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)	(8)	(10)	(11)	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>
	(12)	(13)	(14)	(15)	(16)	(17)	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>
	(18)	(19)	(20)	(21)	(22)	(23)	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>
	(24)	(25)	(26)	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

\*\*\*\*\*



**Test Report**

Number: HKGH01498348 S1

Tests Conducted

Sol. = Soluble  
ppm = parts per million = mg/kg

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).
- (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).

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

Date sample received : May 27, 2013

Testing period : May 27, 2013 to Jun 08, 2013

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

6 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)	<20	90
(2)	<20	90
(3/5/7)	<20	90
(4)	<20	90
(6)	<20	90
(8)	<20	90
(9)	<20	90

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(10/11/12)	<20	100
(13/14/15)	<20	100
(16/17/18)	<20	100
(19/20/21)	<20	100
(22/23/24)	<20	100
(25/26)	<20	100
(27)	<20	100
(28)	<20	100
(29)	41	100
(30)	<20	100
(31)	<20	100
(32)	<20	100

ppm = parts per million = mg/kg

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 (silver color vacuum plated, red, black, white, yellow) on plastic (body, wheels of silver car).
- (9) Coatings (dull green, black) on metal (base 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).

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

Tested components :

- (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).
- (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) Silver color metal (zipper pull tab of all bags, collector case).
- (28) Silver color metal (slide of all bags, collector case).
- (29) Silver color metal (axle of of wheels of all cars).
- (30) Light silver color metal (base of silver, white car).
- (31) Silver color metal excluding coatings (body of black car).
- (32) Silver color metal excluding coatings (base of silver car).

Date sample received : May 27, 2013

Testing period : May 27, 2013 to Jun 08, 2013

7 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)	<20	90
(2)	<20	90
(3/5/7)	<20	90
(4)	<20	90
(6)	<20	90
(8)	<20	90
(9)	<20	90

ppm = parts per million = mg/kg

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 (silver color vacuum plated, red, black, white, yellow) on plastic (body, wheels of silver car).
- (9) Coatings (dull green, black) on metal (base of silver car).

Date sample received : May 27, 2013

Testing period : May 27, 2013 to Jun 08, 2013

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

8 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
(13/14/15)	<20	100
(16/17)	<20	100
(18)	<20	100
(19)	41	100
(20)	<20	100
(21)	<20	100
(22)	<20	100
(23)	<20	100

ppm = parts per million = mg/kg

Tested components :

- (1) Shiny black plastic (wheels of all cars).
- (2) Transparent green plastic (wind shield of white car).
- (3) Dull white plastic (body of white car).
- (4) Off-white plastic excluding coatings (body of white car).
- (5) White plastic excluding silver color coating (base of black car).
- (6) Transparent dull green plastic (wind shield of silver car).
- (7) Deep grey plastic (body of silver car).
- (8) Black plastic excluding coatings (body of silver car).
- (9) Transparent purple plastic (wind shield of blue car).
- (10) Blue plastic (body of blue car).
- (11) Transparent red plastic (wind shield of black car).
- (12) Red plastic (zipper teeth of storage toy box of collector case).
- (13) Transparent plastic sheet (pocket of storage toy box of collector case).
- (14) Black plastic (zipper teeth of all bags).
- (15) Dull black plastic (buckle of all bags).
- (16) Transparent plastic sheet backed with non-woven fabric (all bags, storage toy box of collector case).
- (17) Red elastic band (lining of pocket of storage toy box of collector case).
- (18) Silver color metal (zipper pull tab of all bags, collector case).
- (19) Silver color metal (slide of all bags, collector case).
- (20) Silver color metal (axle of wheels of all cars).
- (21) Light silver color metal (base of silver, white car).
- (22) Silver color metal excluding coatings (body of black car).
- (23) Silver color metal excluding coatings (base of silver car).

Date sample received : May 27, 2013

Testing period : May 27, 2013 to Jun 08, 2013

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

9 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)	<0.002	0.009
(2)	<0.002	0.009
(3/5/7)	<0.002	0.009
(4)	<0.002	0.009
(6)	<0.002	0.009
(8)	<0.002	0.009
(9)	<0.002	0.009

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(10/11/12)	<0.002	0.01
(13/14/15)	<0.002	0.01
(16/17/18)	<0.002	0.01
(19/20/21)	<0.002	0.01
(22/23/24)	<0.002	0.01
(25/26)	<0.002	0.01
(27)	<0.002	0.01
(28)	0.004	0.01
(29)	<0.002	0.01
(30)	<0.002	0.01
(31)	<0.002	0.01
(32)	<0.002	0.01

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.

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 (silver color vacuum plated, red, black, white, yellow) on plastic (body, wheels of silver car).
- (9) Coatings (dull green, black) on metal (base 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).

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 British Standards Institute

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

**Test Report**

Number: HKGH01498348 S1

Tests Conducted

Tested components :

- (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).
- (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) Silver color metal (zipper pull tab of all bags, collector case).
- (28) Silver color metal (slide of all bags, collector case).
- (29) Silver color metal (axle of of wheels of all cars).
- (30) Light silver color metal (base of silver, white car).
- (31) Silver color metal excluding coatings (body of black car).
- (32) Silver color metal excluding coatings (base of silver car).

Date sample received : May 27, 2013  
 Testing period : May 27, 2013 to Jun 08, 2013

10 Total Lead (Pb) Content

As per Illinois Lead Poisoning Prevention Act 410 ILCS 45, acid digestion method was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Warning Statement Limit</u> <u>in %</u>	<u>Limit in %</u>
(1)	<0.002	0.004	0.009
(2)	<0.002	0.004	0.009
(3/5/7)	<0.002	0.004	0.009
(4)	<0.002	0.004	0.009
(6)	<0.002	0.004	0.009
(8)	<0.002	0.004	0.009
(9)	<0.002	0.004	0.009

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Warning Statement Limit</u> <u>in %</u>	<u>Limit in %</u>
(10/11/2)	<0.002	--	0.01
(13/14/15)	<0.002	--	0.01
(16/17/18)	<0.002	--	0.01
(19/20/21)	<0.002	--	0.01
(22/23/24)	<0.002	--	0.01
(25/26)	<0.002	--	0.01
(27)	<0.002	--	0.01
(28)	<0.002	--	0.01
(29)	<0.002	--	0.01
(30)	<0.002	--	0.01
(31)	0.004	--	0.01
(32)	<0.002	--	0.01

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

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 (silver color vacuum plated, red, black, white, yellow) on plastic (body, wheels of silver car).
- (9) Coatings (dull green, black) on metal (base 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).
- (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) Silver color metal (zipper pull tab of all bags, collector case).
- (28) Silver color metal (slide of all bags, collector case).
- (29) Silver color metal (axle of of wheels of all cars).
- (30) Light silver color metal (base of silver, white car).
- (31) Silver color metal excluding coatings (body of black car).
- (32) Silver color metal excluding coatings (base of silver car).

Date sample received : May 27, 2013

Testing period : May 27, 2013 to Jun 08, 2013

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

11 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>
	(1)	(2)	(3)	(max.)
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

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	(4/5/6)	(7/8/9)	(10/11/12)	(max.)
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

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	(13/14/15)	(16/17/18)	(19/20)	(max.)
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.

Tested components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Coatings on plastic (wheels of all cars, body of white, silver, blue car).
- (3) Coatings (black, yellow, red, dull green) on metal (base of blue car, body of black car).
- (4) Shiny black plastic (wheels of all cars).
- (5) Transparent green plastic (wind shield of white car).
- (6) Dull white plastic (body of white car).
- (7) Off-white plastic excluding coatings (body of white car).
- (8) White plastic excluding silver color coating (base of black car).
- (9) Transparent dull green plastic (wind shield of silver car).
- (10) Deep grey plastic (body of silver car).

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**Test Report**

Number: HKGH01498348 S1

Tests Conducted

Tested components :

- (11) Black plastic excluding coatings (body of silver car).
- (12) Transparent purple plastic (wind shield of blue car).
- (13) Blue plastic (body of blue car).
- (14) Transparent red plastic (wind shield of black car).
- (15) Red plastic (zipper teeth of storage toy box of collector case).
- (16) Transparent plastic sheet (pocket of storage toy box of collector case).
- (17) Black plastic (zipper teeth of all bags).
- (18) Dull black plastic (buckle of all bags).
- (19) Transparent plastic sheet backed with non-woven fabric (all bags, storage toy box of collector case).
- (20) Red elastic band (lining of pocket of storage toy box of collector case).

Date sample received : May 27, 2013  
 Testing period : May 27, 2013 to Jun 03, 2013

12 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>(max.)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</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

  

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u> <u>(max.)</u>
	<u>(4/5/6)</u>	<u>(7/8/9)</u>	<u>(10/11/12)</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

  

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u> <u>(max.)</u>
	<u>(13/14/15)</u>	<u>(16/17/18)</u>	<u>(19/20)</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 judgment No. BG-350969 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.

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**Test Report**

Number: HKGH01498348 S1

**Tests Conducted**

Tested components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Coatings on plastic (wheels of all cars, body of white, silver, blue car).
- (3) Coatings (black, yellow, red, dull green) on metal (base of blue car, body of black car).
- (4) Shiny black plastic (wheels of all cars).
- (5) Transparent green plastic (wind shield of white car).
- (6) Dull white plastic (body of white car).
- (7) Off-white plastic excluding coatings (body of white car).
- (8) White plastic excluding silver color coating (base of black car).
- (9) Transparent dull green plastic (wind shield of silver car).
- (10) Deep grey plastic (body of silver car).
- (11) Black plastic excluding coatings (body of silver car).
- (12) Transparent purple plastic (wind shield of blue car).
- (13) Blue plastic (body of blue car).
- (14) Transparent red plastic (wind shield of black car).
- (15) Red plastic (zipper teeth of storage toy box of collector case).
- (16) Transparent plastic sheet (pocket of storage toy box of collector case).
- (17) Black plastic (zipper teeth of all bags).
- (18) Dull black plastic (buckle of all bags).
- (19) Transparent plastic sheet backed with non-woven fabric (all bags, storage toy box of collector case).
- (20) Red elastic band (lining of pocket of storage toy box of collector case).

Date sample received : May 27, 2013

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

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End of report

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