



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: HKGH01119135

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

Date: Mar 04, 2011

Attn: ELLEN LAU / WAYNE H ROTHSCHILD /  
ANDREW HOAGLAND / MICHAEL PERKINS

Sample Description:

Four (4) sets of submitted sample said to be :  
Item Name

- : - #A1463XX ZipBin® Firehouse PlayPack
- #A1450XX Hot Wheels™ ZipBin® Collector Case
- #A1435XX LEGO® Star Wars® ZipBin® Battle Bridge
- #A1467XX LEGO® NINJAGO™ Battle Case
- #A1436XX LEGO® Star Wars® ZipBin® Tie Fighter
- #A1305XX LEGO® CITY ZipBin® Medium Toy Box
- #A1433XX LEGO® Star Wars® ZipBin® Medium Toy Box

Labelled Age Group : "3+"  
 Packaging Provided : Yes  
 Vendor : Takepoint  
 Country of Origin : China

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To be continued

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

Karen S.C. Ng  
General Manager



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Sample Description:



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Tests conducted:

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

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To be continued

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Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample sets	U.S. ASTM F963-08 Physical and mechanical tests	Pass
	U.S. ASTM F963-08 for flammability test of materials other than textile materials	Pass
Tested components of submitted sample sets	U.S. ASTM F963-08 for toxic elements test	Pass

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<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample sets	U.S. CFR Title 16 (CPSC Regulations) mechanical and physical tests 1500.48 Sharp point 1500.49 Sharp edge 1501 Small part	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 sets	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

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To be continued

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**Test Report**

Number: HKGH01119135

Conclusion:

Tested Samples  
Tested components of  
submitted sample sets

Standard  
U.S. Consumer Product Safety Improvement Act 2008  
Title I, Section 108 requirement on phthalate

Result  
Pass

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

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

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Karen S.C. Ng  
General Manager



**Test Report**

Number: HKGH01119135

Tests Conducted

1 Physical And Mechanical Tests

As per the ASTM Standard Consumer Safety Specification for Toy Safety F963-08.

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>
Impact 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 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, such as helmets, hats and goggles	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
4.28	Stroller and carriage toys	NA



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<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with 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/package) - address (toy/package)	Yes Yes

Remark : P = Pass

NA = Not applicable

The submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Feb 22, 2011

Testing period : Feb 22, 2011 to Feb 25, 2011

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Tests Conducted

2 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-08.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u> (inch)	<u>Time</u> (sec)	<u>Actual Burn rate</u> (inch/sec)	<u>Round up burn rate#</u> (inch/sec)	<u>Limit</u> (inch/sec)
Ninjago small tray	Corner	8.0	60	0.13	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 22, 2011  
 Testing period : Feb 22, 2011 to Feb 25, 2011

3 Toxic Elements Analysis (Soluble Heavy Metals Content)

As per Section 4.3.5.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-08, acid extraction method was used and toxic elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

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

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

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Black coating on webbing (strap of backpack #A1463XX).
- (3) Red coating on metal (body of fire engine #A1463XX).
- (4) Silver color vacuum plated coating on plastic (chassis / body of car #A1450XX).

Date sample received : Feb 22, 2011  
 Testing period : Feb 22, 2011 to Mar 03, 2011

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4 Toxic Elements Analysis (Total Lead Content)

As per Section 4.3.5.1 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-08, acid digestion method 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 (ppm)</u>
(1/2)	<20	90
(3/4/6)	<20	90
(5)	<20	90
(7)	<20	90

ppm = parts per million  
< = Less than

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Black coating on webbing (strap of backpack #A1463XX).
- (3) Red coating on metal (body of fire engine #A1463XX).
- (4) Silver color vacuum plated coating on plastic (chassis / body of car #A1450XX).
- (5) Coatings on metal (body of fire engine #A1463XX).
- (6) Silver color hot stamp foil on plastic (wheel of fire engine #A1463XX).
- (7) Coatings (silver color vacuum plated, black, green, gold color hot stamp foil) on plastic (chassis / body / wheel of car #A1450XX).

Remark :

Since the coating of the tested components (6) and (7) were less than 10mg, soluble heavy metals content analysis were not applicable.  
Parts were used for the total lead content analysis on tested components (6) and (7).

Date sample received : Feb 22, 2011 and Mar 01, 2011

Testing period : Feb 22, 2011 to Mar 03, 2011

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5 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 22, 2011  
 Testing period : Feb 22, 2011 to Feb 25, 2011

6 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)	Actual Burn rate (inch/sec)	Round up burn rate (inch/sec)	Limit (inch/sec)
Ninjago small tray	Corner	8.0	60	0.13	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 22, 2011  
 Testing period : Feb 22, 2011 to Feb 25, 2011

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Tests Conducted

7 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings (April 26, 2009), test method CPSC-CH-E1003-09 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)	<20	90
(3/4/6)	<20	90
(5)	<20	90
(7)	<20	90

ppm = parts per million  
< = Less than

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Black coating on webbing (strap of backpack #A1463XX).
- (3) Red coating on metal (body of fire engine #A1463XX).
- (4) Silver color vacuum plated coating on plastic (chassis / body of car #A1450XX).
- (5) Coatings on metal (body of fire engine #A1463XX).
- (6) Silver color hot stamp foil on plastic (wheel of fire engine #A1463XX).
- (7) Coatings (silver color vacuum plated, black, green, gold color hot stamp foil) on plastic (chassis / body / wheel of car #A1450XX).

Remark:

The Lead content test of tested component (7) was conducted in composite for the materials which sample size is not sufficient to carry out the test individually.

Date sample received : Feb 22, 2011 and Mar 01, 2011  
Testing period : Feb 22, 2011 to Mar 03, 2011

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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	300
(4/7/8)	<20	300
(5/6)	<20	300
(9/10/11)	<20	300
(12/13/15)	<20	300
(14)	<20	300
(16/17/18)	<20	300
(19/20)	<20	300
(21)	<20	300
(22)	22	300
(23)	<20	300
(24)	<20	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

Tested Components :

- (1) Yellow velcro (toy box #A1305XX).
- (2) Blue velcro (tie fighter case #A1433XX).
- (3) Red velcro (case #A1450XX).
- (4) Black velcro (backpack #A1463XX, #A1435XX, #A1467XX).
- (5) Black elastic band (pocket of battle case #A1467XX).
- (6) Red elastic band (pocket of case #A1450XX).
- (7) Transparent plastic sheet (pocket of case #A1450XX).
- (8) Red plastic (zipper teeth of case #A1450XX).
- (9) Ivory plastic (body of car #A1450XX).
- (10) Transparent green plastic (windshield of car #A1450XX).
- (11) Light grey plastic excluding silver color vacuum plated coating (chassis / body of car #A1450XX).
- (12) Blue plastic (zipper teeth of tie fighter case #A1433XX).
- (13) Yellow plastic (zipper teeth of toy box #A1305XX).
- (14) Transparent plastic sheet with inaccessible printings and backing and (dark grey, light brown, dark red, grey) threads (backpack #A1463XX, toy box #A1305XX, battle case #A1467XX, battle bridge #A1435XX, case #A1450XX, toy box #A1433XX, tie fighter case #A1436XX).
- (15) Black plastic (zipper teeth of backpack #A1463XX, #A1435XX, #A1436XX).

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Tested Components :

- (16) Black plastic (adjustment of backpack #A1463XX).
- (17) Grey plastic (ladder of fire engine #A1463XX).
- (18) Transparent plastic (windshield of fire engine #A1463XX).
- (19) Black plastic (wheel / bumper / connector of fire engine #A1463XX, wheel of car #A1450XX).
- (20) Dull black plastic (chassis of fire engine #A1463XX).
- (21) Silver color metal excluding coatings (body of fire engine #A1463XX).
- (22) Silver color plated metal (zipper puller of all styles).
- (23) Silver color plated metal (zipper slider of all styles).
- (24) Silver color metal (axle of car #A1450XX).

Date sample received : Feb 22, 2011  
Testing period : Feb 22, 2011 to Mar 03, 2011

9 CPSIA Normal and Reasonably Foreseeable Use and Abuse

With reference to U.S. Code of Federal Regulations Title 16 Part 1500.48, 1500.49, 1500.51, 1500.52 and 1500.53.

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

Result : After testing, no internal component was exposed and accessible on the submitted samples.

Date sample received : Feb 22, 2011  
Testing period : Feb 22, 2011 to Feb 24, 2011

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Tests Conducted

10 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>(1/2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	0.03	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>
	<u>(5/6/7)</u>	<u>(8/11/12)</u>	<u>(9/10)</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
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>
	<u>(13/14/15)</u>	<u>(16/17/19)</u>	<u>(18)</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
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>
	<u>(20)</u>	<u>(21/22)</u>	<u>(23/24)</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
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

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	<u>Result (% w/w)</u>		<u>Limit (% w/w)</u> <u>(max.)</u>
	<u>(25)</u>	<u>(26)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	--	<0.01	0.1
Di-n-octyl phthalate (DnOP)	--	<0.01	0.1
Diisodecyl phthalate (DIDP)	--	<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

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Black coating on webbing (strap of backpack #A1463XX).
- (3) Coatings on metal (body of fire engine #A1463XX).
- (4) Silver color hot stamp foil on plastic (wheel of fire engine #A1463XX).
- (5) Yellow velcro (toy box #A1305XX).
- (6) Blue velcro (tie fighter case #A1433XX).
- (7) Red velcro (case #A1450XX).
- (8) Black velcro (backpack #A1463XX, #A1435XX, #A1467XX).
- (9) Black elastic band (pocket of battle case #A1467XX).
- (10) Red elastic band (pocket of case #A1450XX).
- (11) Transparent plastic sheet (pocket of case #A1450XX).
- (12) Red plastic (zipper teeth of case #A1450XX).
- (13) Ivory plastic (body of car #A1450XX).
- (14) Transparent green plastic (windshield of car #A1450XX).
- (15) Light grey plastic excluding silver color vacuum plated coating (chassis / body of car #A1450XX).
- (16) Blue plastic (zipper teeth of tie fighter case #A1433XX).
- (17) Yellow plastic (zipper teeth of toy box #A1305XX).
- (18) Transparent plastic sheet with inaccessible printings and backing (backpack #A1463XX, toy box #A1305XX, battle case #A1467XX, battle bridge #A1435XX, case #A1450XX, toy box #A1433XX, tie fighter case #A1436XX).
- (19) Black plastic (zipper teeth of backpack #A1463XX, #A1435XX, #A1436XX).
- (20) Black plastic (adjustment of backpack #A1463XX).
- (21) Grey plastic (ladder of fire engine #A1463XX).
- (22) Transparent plastic (windshield of fire engine #A1463XX).
- (23) Black plastic (wheel / bumper / connector of fire engine #A1463XX, wheel of car #A1450XX).
- (24) Dull black plastic (chassis of fire engine #A1463XX).
- (25) White foam (collector case #A1450XX, cover of battle bridge #A1435XX) (internal).
- (26) Coatings (silver color vacuum plated, black, green, gold color hot stamp foil) on plastic (chassis / body / wheel of car #A1450XX).

Date sample received : Feb 22, 2011 and Feb 28, 2011

Testing period : Feb 22, 2011 to Mar 03, 2011

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Tests Conducted

11 Total Lead (Pb) content

With reference to US EPA method 3050B, 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>Limit in %</u>
(1/2)	<0.002	0.009
(3/4/6)	<0.002	0.009
(5)	<0.002	0.009
(49)	<0.002	0.009

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(7/8)	<0.002	0.03
(9/13/18)	<0.002	0.03
(10/11)	<0.002	0.03
(12/14/15)	<0.002	0.03
(16/21)	<0.002	0.03
(17/20/23)	<0.002	0.03
(19/22)	<0.002	0.03
(24)	<0.002	0.03
(25/26/27)	<0.002	0.03
(28/31/32)	<0.002	0.03
(29/30)	<0.002	0.03
(33/34/35)	<0.002	0.03
(36/37/39)	<0.002	0.03
(38)	<0.002	0.03
(40/41/42)	<0.002	0.03
(43/44)	<0.002	0.03
(45)	<0.002	0.03
(46)	0.002	0.03
(47)	<0.002	0.03
(48)	<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

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**Test Report**

Number: HKGH01119135

Tests Conducted

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of all styles).
- (2) Black coating on webbing (strap of backpack #A1463XX).
- (3) Red coating on metal (body of fire engine #A1463XX).
- (4) Silver color vacuum plated coating on plastic (chassis / body of car #A1450XX).
- (5) Coatings on metal (body of fire engine #A1463XX).
- (6) Silver color hot stamp foil on plastic (wheel of fire engine #A1463XX).
- (7) White woven excluding coatings (sewn-in label of all styles).
- (8) Black non-woven fabric with black thread (binding of backpack #A1463XX, #A1435XX, #A1467XX, #A1436XX).
- (9) Black woven (zipper tape of backpack #A1463XX, #A1435XX, #A1436XX).
- (10) Black webbing (handle of backpack #A1463XX, #A1435XX, #A1436XX).
- (11) Dark yellow webbing with dark yellow thread (strap of backpack #A1463XX).
- (12) Shiny black webbing (binding of inner cover of battle case #A1467XX).
- (13) Black net (pocket of battle case #A1467XX).
- (14) Black string (zipper puller of battle bridge #A1435XX).
- (15) Red webbing (handle of case #A1450XX).
- (16) Red non-woven fabric with red thread (binding of case #A1450XX).
- (17) Red string (zipper puller of case #A1450XX).
- (18) Red woven (zipper tape of case #A1450XX).
- (19) Blue webbing with blue thread (binding / handle of tie fighter case #A1433XX).
- (20) Blue string (zipper puller of tie fighter case #A1433XX).
- (21) Blue woven (zipper tape of tie fighter case #A1433XX).
- (22) Yellow woven (zipper tape of toy box #A1305XX).
- (23) Yellow string (zipper puller of toy box #A1305XX).
- (24) Yellow webbing with (yellow, light blue) threads (binding / handle of toy box #A1305XX).
- (25) Yellow velcro (toy box #A1305XX).
- (26) Blue velcro (tie fighter case #A1433XX).
- (27) Red velcro (case #A1450XX).
- (28) Black velcro (backpack #A1463XX, #A1435XX, #A1467XX).
- (29) Black elastic band (pocket of battle case #A1467XX).
- (30) Red elastic band (pocket of case #A1450XX).
- (31) Transparent plastic sheet (pocket of case #A1450XX).
- (32) Red plastic (zipper teeth of case #A1450XX).
- (33) Ivory plastic (body of car #A1450XX).
- (34) Transparent green plastic (windshield of car #A1450XX).
- (35) Light grey plastic excluding silver color vacuum plated coating (chassis / body of car #A1450XX).
- (36) Blue plastic (zipper teeth of tie fighter case #A1433XX).
- (37) Yellow plastic (zipper teeth of toy box #A1305XX).
- (38) Transparent plastic sheet with inaccessible printings and backing and (dark grey, light brown, dark red, grey) threads (backpack #A1463XX, toy box #A1305XX, battle case #A1467XX, battle bridge #A1435XX, case #A1450XX, toy box #A1433XX, tie fighter case #A1436XX).
- (39) Black plastic (zipper teeth of backpack #A1463XX, #A1435XX, #A1436XX).
- (40) Black plastic (adjustment of backpack #A1463XX).
- (41) Grey plastic (ladder of fire engine #A1463XX).
- (42) Transparent plastic (windshield of fire engine #A1463XX).
- (43) Black plastic (wheel / bumper / connector of fire engine #A1463XX, wheel of car #A1450XX).
- (44) Dull black plastic (chassis of fire engine #A1463XX).
- (45) Silver color metal excluding coatings (body of fire engine #A1463XX).

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**Test Report**

Number: HKGH01119135

Tests Conducted

Tested Components :

- (46) Silver color plated metal (zipper puller of all styles).
- (47) Silver color plated metal (zipper slider of all styles).
- (48) Silver color metal (axle of car #A1450XX).
- (49) Coatings (silver color vacuum plated, black, green, gold color hot stamp foil) on plastic (chassis / body / wheel of car #A1450XX).

Date sample received : Feb 22, 2011 and Mar 01, 2011

Testing period : Feb 22, 2011 to Mar 03, 2011

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>(1/2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5/6/7)</u>	<u>(max.)</u>
Dibutyl phthalate (DBP)	<0.01	<0.01	0.03	<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>(8/11/12)</u>	<u>(9/10)</u>	<u>(13/14/15)</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

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	<u>(16/17/19)</u>	<u>(18)</u>	<u>(20)</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

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u>
	<u>(21/22)</u>	<u>(23/24)</u>	<u>(25)</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

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Hong Kong Toys Council

**Test Report**

Number: HKGH01119135

Tests Conducted

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 (white, black) on woven (sewn-in label of all styles).
- (2) Black coating on webbing (strap of backpack #A1463XX).
- (3) Coatings on metal (body of fire engine #A1463XX).
- (4) Silver color hot stamp foil on plastic (wheel of fire engine #A1463XX).
- (5) Yellow velcro (toy box #A1305XX).
- (6) Blue velcro (tie fighter case #A1433XX).
- (7) Red velcro (case #A1450XX).
- (8) Black velcro (backpack #A1463XX, #A1435XX, #A1467XX).
- (9) Black elastic band (pocket of battle case #A1467XX).
- (10) Red elastic band (pocket of case #A1450XX).
- (11) Transparent plastic sheet (pocket of case #A1450XX).
- (12) Red plastic (zipper teeth of case #A1450XX).
- (13) Ivory plastic (body of car #A1450XX).
- (14) Transparent green plastic (windshield of car #A1450XX).
- (15) Light grey plastic excluding silver color vacuum plated coating (chassis / body of car #A1450XX).
- (16) Blue plastic (zipper teeth of tie fighter case #A1433XX).
- (17) Yellow plastic (zipper teeth of toy box #A1305XX).
- (18) Transparent plastic sheet with inaccessible printings and backing (backpack #A1463XX, toy box #A1305XX, battle case #A1467XX, battle bridge #A1435XX, case #A1450XX, toy box #A1433XX, tie fighter case #A1436XX).
- (19) Black plastic (zipper teeth of backpack #A1463XX, #A1435XX, #A1436XX).
- (20) Black plastic (adjustment of backpack #A1463XX).
- (21) Grey plastic (ladder of fire engine #A1463XX).
- (22) Transparent plastic (windshield of fire engine #A1463XX).
- (23) Black plastic (wheel / bumper / connector of fire engine #A1463XX, wheel of car #A1450XX).
- (24) Dull black plastic (chassis of fire engine #A1463XX).
- (25) Coatings (silver color vacuum plated, black, green, gold color hot stamp foil) on plastic (chassis / body / wheel of car #A1450XX).

Date sample received : Feb 22, 2011 and Feb 28, 2011

Testing period : Feb 22, 2011 to Mar 03, 2011

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End of report

