



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: HKGH01136439

Applicant: NEAT-OH! INTERNATIONAL, LLC
790 FRONTAGE ROAD SUITE 303
NORTHFIELD
IL 60093
USA
Attn: ELLEN LAU / WAYNE H ROTHSCHILD

Date: Apr 27, 2011

Sample Description:

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

- Item Name : - #A1196X1 ZipBin® Mini Aquarium
- : - #A1382XX ZipBin® Mini Space
- : - #A1247XX ZipBin® Trucker
- : - #A1290XX ZipBin® Digger Playpack
- : - #A1465XX Barbie™ ZipBin® Dream House
- : - #A1341X1 P20 Roadville + Construction Playmat
- : - #A1341X2 P20 Construction + Roadville Playmat
- : - #A1342X1 P20 Dinoland + Farm Playmat
- : - #A1342X2 P20 Farm + Dinoland Playmat

- Asst. No. : M1343X1
- Labelled Age Group : "3+"
- Packaging Provided : Yes
- Vendor : Takepoint
- 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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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 component of submitted sample sets	U.S. ASTM F963-08 for flammability test of textile materials	Pass
	US ASTM F963-08 for toxic elements test	Pass

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

To be continued

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Conclusion:

Tested Samples

Tested components of
submitted sample sets

Standard

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

Result

See Details Enclosed

For and on behalf of :
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General Manager



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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)	P
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	NA
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 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 8.18 and 8.20 through 8.25 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Apr 06, 2011

Testing period : Apr 06, 2011 to Apr 09, 2011

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</u> <u>Burn rate</u> (inch/sec)	<u>Round up burn</u> <u>rate#</u> (inch/sec)	<u>Limit</u> (inch/sec)
Construction playmat	edge	7.0	60	0.12	0.10	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 : Apr 06, 2011

Testing period : Apr 06, 2011 to Apr 09, 2011



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Tests Conducted

3 Flammability Test

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

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

Tested component : Non-woven

Date sample received : Apr 06, 2011

Testing period : Apr 06, 2011 to Apr 09, 2011

4 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>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>ppm</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 ppm</u>					<u>Limit</u>
	<u>(6)</u>	<u>(7)</u>	<u>(8)</u>	<u>(9)</u>	<u>(10)</u>	<u>ppm</u>
Sol. Barium (Ba)	66	<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 ppm</u>					<u>Limit</u>
	<u>(11)</u>	<u>(12)</u>	<u>(13)</u>	<u>(14)</u>	<u>(15)</u>	<u>ppm</u>
Sol. Barium (Ba)	49	136	<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

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





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Tests Conducted

Tested Components :

- (1) Navy coating on plastic (body of farmer #A1342X2).
- (2) Dull black coating on plastic (body of cow, wheels of farm tractor #A1342X2).
- (3) Dull red with dull black base coating on plastic (body of farm tractor #A1342X2).
- (4) Coatings (white, black) on woven (sewn in label).
- (5) Orange coating on metal (body of trucks #A1341X2, #A1290XX, orange car #A1247XX).
- (6) Silver colour coating on plastic (base of bull dozer #A1341X2, #A1290XX).
- (7) Coatings (dull black, reddish brown, dull black) on plastic (body of reddish brown dinosaur, eyes of all dinosaurs #A1342X1).
- (8) Red coating on metal (body of red car #A1341X1).
- (9) White with black base coating on metal (body of black car #A1341X1).
- (10) Shiny black coating on metal (body of black car #A1341X1).
- (11) White with dull orange base coating on plastic (body of fish, mask of diver #A1196X1).
- (12) Dull orange coating on plastic (body of fish #A1196X1).
- (13) Bright blue coating on plastic (body of diver #A1196X1).
- (14) Yellow with bright blue base coating on plastic (body of diver #A1196X1).
- (15) Shiny yellow coating on metal (yellow car #A1247XX).

Date sample received : Apr 06, 2011

Testing period : Apr 06, 2011 to Apr 09, 2011

5 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>
(1/3)	<20	90
(2/4)	<20	90
(5/6/8)	<20	90
(7)	<20	90
(9/10)	<20	90
(11/12)	<20	90
(13/14)	<20	90
(15/16/17)	<20	90
(18/19/20)	<20	90
(21)	<20	90
(22/23/24)	<20	90
(25/26/29)	<20	90
(27)	<20	90
(28/30)	<20	90
(31)	<20	90
(32)	<20	90

ppm = parts per million

< = Less than





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Tests Conducted

Tested Components :

- (1) Navy coating on plastic (body of farmer #A1342X2).
- (2) Dull black coating on plastic (body of cow, wheels of farm tractor #A1342X2).
- (3) Dull red with dull black base coating on plastic (body of farm tractor #A1342X2).
- (4) Coatings (white, black) on woven (sewn in label).
- (5) Orange coating on metal (body of trucks #A1341X2, #A1290XX, orange car #A1247XX).
- (6) Silver color coating on plastic (base of bull dozer #A1341X2, #A1290XX).
- (7) Coatings (dull black, reddish brown, dull black) on plastic (body of reddish brown dinosaur, eyes of all dinosaurs #A1342X1).
- (8) Red coating on metal (body of red car #A1341X1).
- (9) White with black base coating on metal (body of black car #A1341X1).
- (10) Shiny black coating on metal (body of black car #A1341X1).
- (11) White with dull orange base coating on plastic (body of fish, mask of diver #A1196X1).
- (12) Dull orange coating on plastic (body of fish #A1196X1).
- (13) Bright blue coating on plastic (body of diver #A1196X1).
- (14) Yellow with bright blue base coating on plastic (body of diver #A1196X1).
- (15) Shiny yellow coating on metal (yellow car #A1247XX).
- (16) Dark brown coating on plastic (rake, hair of farmer #A1342X2).
- (17) Flesh color coating on plastic (hat of farmer #A1342X2).
- (18) Pale pink coating on plastic (face, hands of farmer #A1342X2).
- (19) Bright black coating on plastic (eyes of farmer #A1342X2, fish #A1196X1, space jet #A1382XX).
- (20) Red coating on plastic (bucket of farmer #A1342X2).
- (21) Coatings (black, white, orange) on metal (body of trucks #A1341X2, #A1290XX).
- (22) Black coating on plastic (body of dump truck #A1341X2, #A1290XX).
- (23) Yellow coating on plastic (body of dump truck #A1341X2, #A1290XX).
- (24) Silver color hot stamp foil coating on plastic (wheels of trucks #A1341X2, #A1290XX, cars #A1341X1, #A1247XX).
- (25) Dark green coating on plastic (body of dark green dinosaur #A1342X1).
- (26) Green coating on plastic (body of green dinosaur #A1342X1).
- (27) Coatings on metal (body of black car #A1341X1).
- (28) Coatings (red, silver color) on metal (body of red car #A1341X1).
- (29) Silver color vacuum plated coating on plastic (bumper of black car #A1341X1).
- (30) Gold color coating on plastic (astronaut #A1382XX).
- (31) Coatings on metal (orange car #A1247XX).
- (32) Coatings on metal (yellow car #A1247XX).

Since the sample weight of coatings of the tested components (16) - (32) were less than 10 mg, soluble heavy metals content analysis were not applicable.

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Testing period : Apr 06, 2011 to Apr 09, 2011





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Tests Conducted

6 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	4	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 : Apr 06, 2011
 Testing period : Apr 06, 2011 to Apr 09, 2011

7 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> (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)
Construction playmat	edge	7.0	60	0.12	0.10	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 : Apr 06, 2011
 Testing period : Apr 06, 2011 to Apr 09, 2011





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Tests Conducted

8 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-E1003-09.1 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>
(1/3)	<20	90
(2/4)	<20	90
(5/6/8)	<20	90
(7)	<20	90
(9/10)	<20	90
(11/12)	<20	90
(13/14)	<20	90
(15/16/17)	<20	90
(18/19/20)	<20	90
(21)	<20	90
(22/23/24)	<20	90
(25/26/29)	<20	90
(27)	<20	90
(28/30)	<20	90
(31)	<20	90
(32)	<20	90

ppm = parts per million
< = Less than

Tested Components :

- (1) Navy coating on plastic (body of farmer #A1342X2).
- (2) Dull black coating on plastic (body of cow, wheels of farm tractor #A1342X2).
- (3) Dull red with dull black base coating on plastic (body of farm tractor #A1342X2).
- (4) Coatings (white, black) on woven (sewn in label).
- (5) Orange coating on metal (body of trucks #A1341X2, #A1290XX, orange car #A1247XX).
- (6) Silver color coating on plastic (base of bull dozer #A1341X2, #A1290XX).
- (7) Coatings (dull black, reddish brown, dull black) on plastic (body of reddish brown dinosaur, eyes of all dinosaurs #A1342X1).
- (8) Red coating on metal (body of red car #A1341X1).
- (9) White with black base coating on metal (body of black car #A1341X1).
- (10) Shiny black coating on metal (body of black car #A1341X1).
- (11) White with dull orange base coating on plastic (body of fish, mask of diver #A1196X1).
- (12) Dull orange coating on plastic (body of fish #A1196X1).
- (13) Bright blue coating on plastic (body of diver #A1196X1).
- (14) Yellow with bright blue base coating on plastic (body of diver #A1196X1).
- (15) Shiny yellow coating on metal (yellow car #A1247XX).
- (16) Dark brown coating on plastic (rake, hair of farmer #A1342X2).
- (17) Flesh color coating on plastic (hat of farmer #A1342X2).
- (18) Pale pink coating on plastic (face, hands of farmer #A1342X2).
- (19) Bright black coating on plastic (eyes of farmer #A1342X2, fish #A1196X1, space jet #A1382XX).
- (20) Red coating on plastic (bucket of farmer #A1342X2).
- (21) Coatings (black, white, orange) on metal (body of trucks #A1341X2, #A1290XX).
- (22) Black coating on plastic (body of dump truck #A1341X2, #A1290XX).





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Tested components :

- (23) Yellow coating on plastic (body of dump truck #A1341X2, #A1290XX).
- (24) Silver color hot stamp foil coating on plastic (wheels of trucks #A1341X2, #A1290XX, cars #A1341X1, #A1247XX).
- (25) Dark green coating on plastic (body of dark green dinosaur #A1342X1).
- (26) Green coating on plastic (body of green dinosaur #A1342X1).
- (27) Coatings on metal (body of black car #A1341X1).
- (28) Coatings (red, silver color) on metal (body of red car #A1341X1).
- (29) Silver color vacuum plated coating on plastic (bumper of black car #A1341X1).
- (30) Gold color coating on plastic (astronaut #A1382XX).
- (31) Coatings on metal (orange car #A1247XX).
- (32) Coatings on metal (yellow car #A1247XX).

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Testing period : Apr 06, 2011 to Apr 09, 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 : Apr 06, 2011
Testing period : Apr 06, 2011 to Apr 08, 2011





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10 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)	<20	300
(3/20/21)	<20	300
(4/5/6)	<20	300
(7/8/9)	<20	300
(10/11/12)	<20	300
(13/14/15)	<20	300
(16/17/18)	<20	300
(19)	<20	300
(20)	<20	300
(21)	<20	300
(22)	<20	300
(23)	30	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) Milky white PVC plastic excluding coatings (cow, farmer #A1342X2).
- (2) White PVC plastic excluding coatings (farm tractor #A1342X2, reddish brown dinosaur #A1342X1, astronaut, space jet #A1382XX, fish, diver #A1196X1).
- (3) Transparent plastic (playmat covering, ZipBin covering of all styles).
- (4) Silver color plastic (body of trucks #A1341X2, #A1290XX).
- (5) Black plastic (body of trucks #A1341X2, #A1290XX cars #A1341X1, #A1247XX).
- (6) Black plastic (wheels of trucks #A1341X2, #A1290XX).
- (7) Bright white plastic (body of bull dozer #A1341X2).
- (8) Light orange plastic (dark green dinosaur #A1342X1).
- (9) Pale green plastic (green dinosaur #A1342X1).
- (10) Dark grey plastic (wheels of cars #A1341X1, #A1247XX).
- (11) Bright black plastic (windshield of black car #A1341X1, all cars #A1247XX).
- (12) Transparent red plastic (lights of black car #A1341X1).
- (13) Transparent brown plastic (windshield of red car #A1341X1).
- (14) Light green plastic (zipper teeth #A1382XX).
- (15) Shiny pink plastic (zipper teeth #A1465XX).
- (16) Shiny blue plastic (zipper teeth #A1196X1, #A1247XX).
- (17) Shiny black plastic (zipper teeth #A1290XX).
- (18) Black plastic (buckle of strap #A1290XX).
- (19) Transparent plastic sheet (pocket of ZipBin #A1247XX).
- (20) Silver color metal (rivet of trucks #A1341X2, #A1290XX).
- (21) Silver color metal (axle of wheels, trucks #A1341X2, #A1290XX, #A1341X1, #A1247XX).
- (22) Silver color metal excluding coatings (body of trucks #A1341X2, #A1290XX, cars #A1341X1, #A1247XX).





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 Hong Kong Toys Council

Test Report

Number: HKGH01136439

Tests Conducted

Tested components :

- (23) Silver color metal (zipper puller of all ZipBin).
- (24) Silver color metal (zipper slider of all ZipBin).

Date sample received : Apr 06, 2011 and Apr 20, 2011
 Testing period : Apr 06, 2011 to Apr 21, 2011

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>
	<u>(1)</u>	<u>(2/3/4)</u>	<u>(5/6/7)</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>(8/9/10)</u>	<u>(11/12/13)</u>	<u>(14/15/16)</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>(17/18/19)</u>	<u>(20/21/22)</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	--	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	--	0.1

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	<u>(25)</u>	<u>(26)</u>	<u>(27)</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



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Tests Conducted

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u> <u>(max.)</u>
	<u>(28)</u>	<u>(29)</u>	<u>(30)</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
	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u> <u>(max.)</u>
	<u>(31)</u>	<u>(32)</u>	<u>(33)</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	0.1
Di-n-octyl phthalate (DnOP)	--	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	--	<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

Tested Components :

- (1) Coatings (white, black) on woven (sewn in label).
- (2) Milky white PVC plastic excluding coatings (cow, farmer #A1342X2).
- (3) White PVC plastic excluding coatings (farm tractor #A1342X2, reddish brown dinosaur #A1342X1, astronaut, space jet #A1382XX, fish, diver #A1196X1).
- (4) Transparent plastic (playmat covering, ZipBin covering of all styles).
- (5) Silver colour plastic (body of trucks #A1341X2, #A1290XX).
- (6) Black plastic (body of trucks #A1341X2, #A1290XX cars #A1341X1, #A1247XX).
- (7) Black plastic (wheels of trucks #A1341X2, #A1290XX).
- (8) Bright white plastic (body of bull dozer #A1341X2).
- (9) Light orange plastic (dark green dinosaur #A1342X1).
- (10) Pale green plastic (green dinosaur #A1342X1).
- (11) Dark grey plastic (wheels of cars #A1341X1, #A1247XX).
- (12) Bright black plastic (windshield of black car #A1341X1, all cars #A1247XX).
- (13) Transparent red plastic (lights of black car #A1341X1).
- (14) Transparent brown plastic (windshield of red car #A1341X1).
- (15) Light green plastic (zipper teeth #A1382XX).
- (16) Shiny pink plastic (zipper teeth #A1465XX).
- (17) Shiny blue plastic (zipper teeth #A1196X1, #A1247XX).
- (18) Shiny black plastic (zipper teeth #A1290XX).
- (19) Black plastic (buckle of strap #A1290XX).
- (20) Transparent plastic sheet (pocket of ZipBin #A1247XX).
- (21) Navy elastic band (body of ZipBin #A1247XX).
- (22) Navy velcro (body of ZipBin #A1247XX).
- (23) White polyfoam (inner layer of all ZipBin) (internal).
- (24) Shiny white plastic sheet (inner layer of all ZipBin) (internal).
- (25) Coatings on plastic sheet (inner pattern #A1290XX) (internal).
- (26) Coatings on plastic sheet (inner pattern #A1196X1) (internal).
- (27) Coatings on plastic sheet (inner pattern #A1382XX) (internal).



Test Report

Number: HKGH01136439

Tests Conducted

Tested components :

- (28) Coatings on plastic sheet (inner pattern #A1247XX) (internal).
- (29) Coatings on plastic sheet (inner pattern #A1465XX) (internal).
- (30) Coatings on plastic sheet (inner pattern #A1341X1, #A1341X2) (internal).
- (31) Coatings on plastic sheet (inner pattern #A1342X1, #A1342X2) (internal).
- (32) Coatings on plastic (body of all figures, cars, trucks).
- (33) Coatings on metal (body of cars, trucks).

Date sample received : Apr 06, 2011
 Testing period : Apr 06, 2011 to Apr 21, 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>(max.)</u>
	<u>(1)</u>	<u>(2/3/4)</u>	<u>(5/6/7)</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>(8/9/10)</u>	<u>(11/12/13)</u>	<u>(14/15/16)</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>(17/18/19)</u>	<u>(20/21/22)</u>	<u>(23)</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>(24)</u>	
Dibutyl phthalate (DBP)	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	0.1
Di-n-hexyl phthalate (DnHP)	<0.01	0.1





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Test Report

Number: HKGH01136439

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).
- (2) Milky white PVC plastic excluding coatings (cow, farmer #A1342X2).
- (3) White PVC plastic excluding coatings (farm tractor #A1342X2, reddish brown dinosaur #A1342X1, astronaut, space jet #A1382XX, fish, diver #A1196X1).
- (4) Transparent plastic (playmat covering, ZipBin covering of all styles).
- (5) Silver colour plastic (body of trucks #A1341X2, #A1290XX).
- (6) Black plastic (body of trucks #A1341X2, #A1290XX cars #A1341X1, #A1247XX).
- (7) Black plastic (wheels of trucks #A1341X2, #A1290XX).
- (8) Bright white plastic (body of bull dozer #A1341X2).
- (9) Light orange plastic (dark green dinosaur #A1342X1).
- (10) Pale green plastic (green dinosaur #A1342X1).
- (11) Dark grey plastic (wheels of cars #A1341X1, #A1247XX).
- (12) Bright black plastic (windshield of black car #A1341X1, all cars #A1247XX).
- (13) Transparent red plastic (lights of black car #A1341X1).
- (14) Transparent brown plastic (windshield of red car #A1341X1).
- (15) Light green plastic (zipper teeth #A1382XX).
- (16) Shiny pink plastic (zipper teeth #A1465XX).
- (17) Shiny blue plastic (zipper teeth #A1196X1, #A1247XX).
- (18) Shiny black plastic (zipper teeth #A1290XX).
- (19) Black plastic (buckle of strap #A1290XX).
- (20) Transparent plastic sheet (pocket of ZipBin #A1247XX).
- (21) Navy elastic band (body of ZipBin #A1247XX).
- (22) Navy velcro (body of ZipBin #A1247XX).
- (23) Coatings on plastic (body of all figures, cars, trucks).
- (24) Coatings on metal (body of cars, trucks).

Date sample received : Apr 06, 2011

Testing period : Apr 06, 2011 to Apr 21, 2011



Test Report

Number: HKGH01136439

Tests Conducted

13 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>
(1/3)	<0.002	0.009
(2/4)	<0.002	0.009
(5/6/8)	<0.002	0.009
(7)	<0.002	0.009
(9/10)	<0.002	0.009
(11/12)	<0.002	0.009
(13/14)	<0.002	0.009
(15/16/17)	<0.002	0.009
(18/19/20)	<0.002	0.009
(21)	<0.002	0.009
(22/23/24)	<0.002	0.009
(25/26/29)	<0.002	0.009
(27)	<0.002	0.009
(28/30)	<0.002	0.009
(31)	<0.002	0.009
(32)	<0.002	0.009

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(33/34)	<0.002	0.03
(35/52/53)	<0.002	0.03
(36/37/38)	<0.002	0.03
(39/40/41)	<0.002	0.03
(42/43/44)	<0.002	0.03
(45/46/47)	<0.002	0.03
(48/49/50)	<0.002	0.03
(51)	<0.002	0.03
(52/54)	<0.002	0.03
(53)	<0.002	0.03
(55/58)	<0.002	0.03
(56)	<0.002	0.03
(57/59)	<0.002	0.03
(60/62)	<0.002	0.03
(61/63/64)	<0.002	0.03
(65/66)	0.002	0.03
(67/73)	<0.002	0.03
(68)	<0.002	0.03
(69)	<0.002	0.03
(70)	<0.002	0.03
(71)	0.003	0.03
(72)	<0.002	0.03

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





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Test Report

Number: HKGH01136439

Tests Conducted

< = less than

Tested Components :

- (1) Navy coating on plastic (body of farmer #A1342X2).
- (2) Dull black coating on plastic (body of cow, wheels of farm tractor #A1342X2).
- (3) Dull red with dull black base coating on plastic (body of farm tractor #A1342X2).
- (4) Coatings (white, black) on woven (sewn in label).
- (5) Orange coating on metal (body of trucks #A1341X2, #A1290XX, orange car #A1247XX).
- (6) Silver color coating on plastic (base of bull dozer #A1341X2, #A1290XX).
- (7) Coatings (dull black, reddish brown, dull black) on plastic (body of reddish brown dinosaur, eyes of all dinosaurs #A1342X1).
- (8) Red coating on metal (body of red car #A1341X1).
- (9) White with black base coating on metal (body of black car #A1341X1).
- (10) Shiny black coating on metal (body of black car #A1341X1).
- (11) White with dull orange base coating on plastic (body of fish, mask of diver #A1196X1).
- (12) Dull orange coating on plastic (body of fish #A1196X1).
- (13) Bright blue coating on plastic (body of diver #A1196X1).
- (14) Yellow with bright blue base coating on plastic (body of diver #A1196X1).
- (15) Shiny yellow coating on metal (yellow car #A1247XX).
- (16) Dark brown coating on plastic (rake, hair of farmer #A1342X2).
- (17) Flesh color coating on plastic (hat of farmer #A1342X2).
- (18) Pale pink coating on plastic (face, hands of farmer #A1342X2).
- (19) Bright black coating on plastic (eyes of farmer #A1342X2, fish #A1196X1, space jet #A1382XX).
- (20) Red coating on plastic (bucket of farmer #A1342X2).
- (21) Coatings (black, white, orange) on metal (body of trucks #A1341X2, #A1290XX).
- (22) Black coating on plastic (body of dump truck #A1341X2, #A1290XX).
- (23) Yellow coating on plastic (body of dump truck #A1341X2, #A1290XX).
- (24) Silver color hot stamp foil coating on plastic (wheels of trucks #A1341X2, #A1290XX, cars #A1341X1, #A1247XX).
- (25) Dark green coating on plastic (body of dark green dinosaur #A1342X1).
- (26) Green coating on plastic (body of green dinosaur #A1342X1).
- (27) Coatings on metal (body of black car #A1341X1).
- (28) Coatings (red, silver color) on metal (body of red car #A1341X1).
- (29) Silver color vacuum plated coating on plastic (bumper of black car #A1341X1).
- (30) Gold color coating on plastic (astronaut #A1382XX).
- (31) Coatings on metal (orange car #A1247XX).
- (32) Coatings on metal (yellow car #A1247XX).
- (33) Milky white PVC plastic excluding coatings (cow, farmer #A1342X2).
- (34) White PVC plastic excluding coatings (farm tractor #A1342X2, reddish brown dinosaur #A1342X1, astronaut, space jet #A1382XX, fish, diver #A1196X1).
- (35) Transparent plastic (playmat covering, ZipBin covering of all styles).
- (36) Silver color plastic (body of trucks #A1341X2, #A1290XX).
- (37) Black plastic (body of trucks #A1341X2, #A1290XX cars #A1341X1, #A1247XX).
- (38) Black plastic (wheels of trucks #A1341X2, #A1290XX).
- (39) Bright white plastic (body of bull dozer #A1341X2).
- (40) Light orange plastic (dark green dinosaur #A1342X1).
- (41) Pale green plastic (green dinosaur #A1342X1).
- (42) Dark grey plastic (wheels of cars #A1341X1, #A1247XX).
- (43) Bright black plastic (windshield of black car #A1341X1, all cars #A1247XX).
- (44) Transparent red plastic (lights of black car #A1341X1).
- (45) Transparent brown plastic (windshield of red car #A1341X1).
- (46) Light green plastic (zipper teeth #A1382XX).
- (47) Shiny pink plastic (zipper teeth #A1465XX).





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Test Report

Number: HKGH01136439

Tests Conducted

Tested components :

- (48) Shiny blue plastic (zipper teeth #A1196X1, #A1247XX).
- (49) Shiny black plastic (zipper teeth #A1290XX).
- (50) Black plastic (buckle of strap #A1290XX).
- (51) Transparent plastic sheet (pocket of ZipBin #A1247XX).
- (52) White woven excluding coatings (sewn in label).
- (53) Red woven with white / black / yellow thread stitching (brand label).
- (54) Dark green non woven fabric with dark green thread (binding of playmat #A1342X2, #A1342X1).
- (55) Black non woven fabric with black / light brown thread (binding of playmat #A1341X1, #A1341X2).
- (56) Green webbing with light green / pale red thread (handle, binding of ZipBin #A1382XX).
- (57) Dark pink webbing with dark pink thread (handle, binding of ZipBin #A1465XX).
- (58) Dark pink string (zipper puller #A1465XX).
- (59) Dark pink woven (zipper tape #A1465XX).
- (60) Light green string (zipper puller #A1382XX).
- (61) Light green woven (zipper tape #A1382XX).
- (62) Navy non woven fabric with navy thread (handle, binding of ZipBin #A1196X1, binding of ZipBin #A1247XX).
- (63) Navy string (zipper puller #A1196X1, #A1247XX).
- (64) Navy woven (zipper tape #A1196X1, #A1247XX).
- (65) Black non woven fabric with black thread (binding of ZipBin #A1290XX).
- (66) Black webbing (handle, shoulder strap of ZipBin #A1290XX).
- (67) Dull black woven (zipper tape #A1290XX).
- (68) Silver color metal (rivet of trucks #A1341X2, #A1290XX).
- (69) Silver color metal (axle of wheels, trucks #A1341X2, #A1290XX, #A1341X1, #A1247XX).
- (70) Silver color metal excluding coatings (body of trucks #A1341X2, #A1290XX, cars #A1341X1, #A1247XX).
- (71) Silver color metal (zipper puller of all ZipBin).
- (72) Silver color metal (zipper slider of all ZipBin).
- (73) Navy webbing (handle of ZipBin #A1247XX).

Date sample received : Apr 06, 2011 and Apr 20, 2011

Testing period : Apr 06, 2011 to Apr 21, 2011

End of report

