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Test Report

Number: H-153115
(HKGH01136455)

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

Date: Apr 27, 2011
EC Notified Body 0362

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

Prepared and checked by:
For Intertek Testing Services

Suzanna Chan



Approved for and on behalf of
Intertek Testing Services
(Leicester) Ltd

Philip Bullock
Technical Manager



Test Report

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(HKGH01136455)

Sample Description:



Tests conducted:

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

To be continued

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Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample sets	EN71-1 : 2005 and A9 : 2009 for mechanical and physical properties excluding clause 7.1	Pass
	EN71-2 : 2006 + A1 : 2007 flammability test	Pass
Tested components of submitted sample sets	EN71-3 : 1994 and amendment A1 : 2000 and AC : 2002 for toxic elements test	Pass
	Phthalates content requirement in Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC)	Pass
	Azocolourants content requirement in Annex XVII Item 43 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2002/61/EC)	Pass
	Cadmium content requirement in Annex XVII Item 23 of the REACH Regulation (EC) no. 1907/2006 & amendment no.552/2009 (formerly known as Directive 91/338/EEC)	Pass

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Philip Bullock
Technical Manager



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Tests Conducted

1 Mechanical and Physical Test

As per European Standard on Safety of toys EN71-1 : 2005 + A9 : 2009.

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

<u>Clause</u>	<u>Testing items</u>	<u>Assessment</u>
4*	General requirements	P
5	Toys intended for children under 36 months	NA
6	Packaging	NA
7	Warnings and instructions for use	P/#1/#2

Remark : P = Pass NA = Not Applicable

* = The following subclauses of Clause 4 of the standard were applicable : -

- 1) 4.1 Materials - cleanliness visual examination.
- 2) 4.7 Edges.
- 3) 4.8 Points and metallic wires.

#1 = (For style of #A1465XX and #A1290XX)
The item shall be labelled with the name and address of the representative or importer in EEC together with a CE-marking on the toy or on its packaging. If this information was not fixed to the toy itself, it should be accompanied by a notice in advising the purchaser to retain it.

However, after checking of the tested sample, it was found that
- The name and address of the importer in EEC was missed.
- The CE-marking was not in a correct format.

#2 = Appropriate age warning statement, graphical symbol and the indication of hazard was found on the packaging.

Date sample received : Apr 06, 2011
Testing period : Apr 06, 2011 to Apr 08, 2011



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Tests Conducted

2 Flammability Test

As per European Standard on Safety of toys EN71-2 : 2006 + A1 : 2007.

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

Remark : P = Pass NA = Not applicable

Date sample received : Apr 06, 2011
Testing period : Apr 06, 2011 to Apr 09, 2011

3 Toxic Elements Analysis

As per European Standard on Safety of toys EN71-3 : 1994 and amendment A1 : 2000 and AC : 2002, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result in mg/kg</u>						<u>Limit</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	<u>(4)</u>	<u>(5)</u>	<u>(6)</u>	<u>mg/kg</u>
Sol. Barium (Ba)	<5	<5	<5	<5	<5	66	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	<u>Result in mg/kg</u>						<u>Limit</u>
	<u>(7)</u>	<u>(8)</u>	<u>(9)</u>	<u>(10)</u>	<u>(11)</u>	<u>(12)</u>	<u>mg/kg</u>
Sol. Barium (Ba)	<5	<5	<5	<5	49	136	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25



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Tests Conducted

	Result in mg/kg						Limit mg/kg
	(13)	(14)	(15)	(33)	(34)	(35)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in mg/kg						Limit mg/kg
	(36)	(37)	(38)	(39)	(40)	(41)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in mg/kg						Limit mg/kg
	(42)	(43)	(44)	(45)	(46)	(47)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in mg/kg						Limit mg/kg
	(48)	(49)	(50)	(51)	(52)	(53)	
Sol. Barium (Ba)	<5	<5	<5	<5	12	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25



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Tests Conducted

	Result in mg/kg						Limit mg/kg
	(54)	(55)	(56)	(57)	(58)	(59)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in mg/kg						Limit mg/kg
	(60)	(61)	(62)	(63)	(64)	(65)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in mg/kg						Limit mg/kg
	(66)	(67)	(68)	(69)	(70)		
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	

Sol. = Soluble
< = Less than
mg/kg = milligram per kilogram



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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).
- (16)@ Dark brown coating on plastic (rake, hair of farmer #A1342X2).
- (17)@ Flesh colour 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 colour 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 colour) on metal (body of red car #A1341X1).
- (29)@ Silver colour vacuum plated coating on plastic (bumper of black car #A1341X1).
- (30)@ Gold colour 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 colour 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).



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Tests Conducted

Tested Components :

- (46) Light green plastic (zipper teeth #A1382XX).
- (47) Shiny pink plastic (zipper teeth #A1465XX).
- (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) Navy elastic band (body of ZipBin #A1247XX).
- (53) Navy velcro (body of ZipBin #A1247XX).
- (54) White woven excluding coatings (sewn in label).
- (55) Red woven with white / black / yellow thread stitching (brand label).
- (56) Dark green non woven fabric with dark green thread (binding of playmat #A1342X2, #A1342X1).
- (57) Black non woven fabric with black / light brown thread (binding of playmat #A1341X1, #A1341X2).
- (58) Green webbing with light green / pale red thread (handle, binding of ZipBin #A1382XX).
- (59) Dark pink webbing with dark pink thread (handle, binding of ZipBin #A1465XX).
- (60) Dark pink string (zipper puller #A1465XX).
- (61) Dark pink woven (zipper tape #A1465XX).
- (62) Light green string (zipper puller #A1382XX).
- (63) Light green woven (zipper tape #A1382XX).
- (64) Navy non woven fabric with navy thread (handle, binding of ZipBin #A1196X1, binding of ZipBin #A1247XX).
- (65) Navy string (zipper puller #A1196X1, #A1247XX).
- (66) Navy woven (zipper tape #A1196X1, #A1247XX).
- (67) Black non woven fabric with black thread (binding of ZipBin #A1290XX).
- (68) Black webbing (handle, shoulder strap of ZipBin #A1290XX).
- (69) Dull black woven (zipper tape #A1290XX).
- (70) Navy webbing (handle of ZipBin #A1247XX).

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

Date sample received : Apr 06, 2011

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



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Tests Conducted

4 Phthalate Content Test

With reference to EN14372, by 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	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1
Di-iso-nonyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Di-iso-decyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	<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	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1
Di-iso-nonyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Di-iso-decyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	<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>(23/24)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1
Di-iso-nonyl phthalate (DINP)	<0.01	<0.01	--	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--	--
Di-iso-decyl phthalate (DIDP)	<0.01	<0.01	--	--
Sum of DINP,DnOP & DIDP	<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>	<u>(27)</u>		
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--	
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--	
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--	
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1	
		<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	--	
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--	
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--	
Sum of DBP,DEHP & 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	--	
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--	
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--	
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1	
Di-iso-nonyl phthalate (DINP)	--	<0.01	<0.01	--	
Di-n-octyl phthalate (DnOP)	--	<0.01	<0.01	--	
Di-iso-decyl phthalate (DIDP)	--	<0.01	<0.01	--	
Sum of DINP,DnOP & DIDP	--	<0.01	<0.01	0.1	

Remark : The above limit was quoted according to Annex XVII Items 51 & 52 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) for phthalate content in toys and children articles.

< = Less than



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Tests Conducted

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).
- (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



Test Report

Number: H-153115
(HKGH01136455)

Tests Conducted

5 Detection of Amines in Dyestuff

By extraction on cut sample according to the below listed test methods, followed by Gas Chromatographic - Mass Spectrometric (GC-MS) analysis.

Test method : Textile method (EN 14362-1 : 2003)
Polyester method (EN 14362-2 : 2003)

	<u>Forbidden Amine</u>	<u>CAS No.</u>	<u>Result</u>		
			<u>(1/2/3)</u>	<u>(4)</u>	<u>(5/6/7)</u>
1.	4-Aminodiphenyl	92-67-1	N	N	N
2.	Benzidine	92-87-5	N	N	N
3.	4-Chloro-o-toluidine	95-69-2	N	N	N
4.	2-Naphthylamine	91-59-8	N	N	N
5.	o-Aminoazotoluene	97-56-3	N	N	N
6.	2-Amino-4-nitrotoluene	99-55-8	N	N	N
7.	p-Chloroaniline	106-47-8	N	N	N
8.	2,4-Diaminoanisole	615-05-4	N	N	N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N	N	N
10.	3,3'-Dichlorobenzidine	91-94-1	N	N	N
11.	3,3'-Dimethoxybenzidine	119-90-4	N	N	N
12.	3,3'-Dimethylbenzidine	119-93-7	N	N	N
13.	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N	N
14.	p-Cresidine	120-71-8	N	N	N
15.	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	N
16.	4,4'-Oxydianiline	101-80-4	N	N	N
17.	4,4'-Thiodianiline	139-65-1	N	N	N
18.	o-Toluidine	95-53-4	N	N	N
19.	2,4-Toluylenediamine	95-80-7	N	N	N
20.	2,4,5-Trimethylaniline	137-17-7	N	N	N
21.	o-Anisidine	90-04-0	N	N	N
22.	p-Aminoazobenzene	60-09-3	N	N	N



Test Report

Number: H-153115
(HKGH01136455)

Tests Conducted

	<u>Forbidden Amine</u>	<u>CAS No.</u>	<u>Result</u>		
			<u>Non-polyester</u>		
			<u>(8/9/11)</u>	<u>(13/14/16)</u>	<u>(17/19)</u>
1.	4-Aminodiphenyl	92-67-1	N	N	N
2.	Benzidine	92-87-5	N	N	N
3.	4-Chloro-o-toluidine	95-69-2	N	N	N
4.	2-Naphthylamine	91-59-8	N	N	N
5.	o-Aminoazotoluene	97-56-3	N	N	N
6.	2-Amino-4-nitrotoluene	99-55-8	N	N	N
7.	p-Chloroaniline	106-47-8	N	N	N
8.	2,4-Diaminoanisole	615-05-4	N	N	N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N	N	N
10.	3,3'-Dichlorobenzidine	91-94-1	N	N	N
11.	3,3'-Dimethoxybenzidine	119-90-4	N	N	N
12.	3,3'-Dimethylbenzidine	119-93-7	N	N	N
13.	3,3'-Dimethyl-4,4' diaminodiphenylmethane	838-88-0	N	N	N
14.	p-Cresidine	120-71-8	N	N	N
15.	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	N
16.	4,4'-Oxydianiline	101-80-4	N	N	N
17.	4,4'-Thiodianiline	139-65-1	N	N	N
18.	o-Toluidine	95-53-4	N	N	N
19.	2,4-Toluylenediamine	95-80-7	N	N	N
20.	2,4,5-Trimethylaniline	137-17-7	N	N	N
21.	o-Anisidine	90-04-0	N	N	N
22.	p-Aminoazobenzene	60-09-3	N	N	N

	<u>Forbidden Amine</u>	<u>CAS No.</u>	<u>Result</u>	
			<u>Polyester</u>	
			<u>(10/12)</u>	<u>(15/18)</u>
1.	4-Aminodiphenyl	92-67-1	N	N
2.	Benzidine	92-87-5	N	N
3.	4-Chloro-o-toluidine	95-69-2	N	N
4.	2-Naphthylamine	91-59-8	N	N
5.	o-Aminoazotoluene	97-56-3	N	N
6.	2-Amino-4-nitrotoluene	99-55-8	N	N
7.	p-Chloroaniline	106-47-8	N	N
8.	2,4-Diaminoanisole	615-05-4	N	N
9.	4,4'-Diaminodiphenylmethane	101-77-9	N	N
10.	3,3'-Dichlorobenzidine	91-94-1	N	N
11.	3,3'-Dimethoxybenzidine	119-90-4	N	N
12.	3,3'-Dimethylbenzidine	119-93-7	N	N
13.	3,3'-Dimethyl-4,4' diaminodiphenylmethane	838-88-0	N	N
14.	p-Cresidine	120-71-8	N	N
15.	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N
16.	4,4'-Oxydianiline	101-80-4	N	N
17.	4,4'-Thiodianiline	139-65-1	N	N
18.	o-Toluidine	95-53-4	N	N
19.	2,4-Toluylenediamine	95-80-7	N	N
20.	2,4,5-Trimethylaniline	137-17-7	N	N
21.	o-Anisidine	90-04-0	N	N
22.	p-Aminoazobenzene	60-09-3	N	N



Test Report

Number: H-153115
(HKGH01136455)

Tests Conducted

Remark : N = Not detected (less than 20 ppm)
Detection limit = 5 ppm
Requirement = 30 ppm (max.)
ppm = parts per million = mg/kg

Tested components :

- (1) Navy elastic band (body of ZipBin #A1247XX) (100% Nylon).
- (2) Navy velcro (body of ZipBin #A1247XX) (100% Nylon).
- (3) White woven with black printing (sewn in label) (100% Nylon).
- (4) Red woven with white / black / yellow thread stitching (brand label) (100% polypropylene).
- (5) Dark green non woven fabric (binding of playmat #A1342X2, #A1342X1) (100% polypropylene).
- (6) Black non woven fabric (binding of playmat #A1341X1, #A1341X2) (100% polypropylene).
- (7) Green webbing (handle, binding of ZipBin #A1382XX) (100% Polypropylene).
- (8) Dark pink webbing (handle, binding of ZipBin #A1465XX) (100% polypropylene).
- (9) Dark pink string (zipper puller #A1465XX) (100% Polypropylene).
- (10) Dark pink woven (zipper tape #A1465XX) (100% polyester).
- (11) Light green string (zipper puller #A1382XX) (100% Polypropylene).
- (12) Light green woven (zipper tape #A1382XX) (100% polyester).
- (13) Navy non woven fabric (handle, binding of ZipBin #A1196X1, binding of ZipBin #A1247XX) (100% polypropylene).
- (14) Navy string (zipper puller #A1196X1, #A1247XX) (100% Polypropylene).
- (15) Navy woven (zipper tape #A1196X1, #A1247XX) (100% polyester).
- (16) Black non woven fabric (binding of ZipBin #A1290XX) (100% polypropylene).
- (17) Black webbing (handle, shoulder strap of ZipBin #A1290XX) (100% Polypropylene).
- (18) Dull black woven (zipper tape #A1290XX) (100% polyester).
- (19) Navy webbing (handle of ZipBin #A1247XX) (100% Polypropylene).

Date sample received : Apr 06, 2011 and Apr 15, 2011

Testing period : Apr 06, 2011 to Apr 20, 2011



Test Report

Number: H-153115
(HKGH01136455)

Tests Conducted

6 Cadmium (Cd) Content

As per Cadmium content requirement in Annex XVII Item 23 of the REACH Regulation (EC) no. 1907/2006 & amendment no. 552/2009 (formerly known as Directive 91/338/EEC), acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(1/3)	<0.0005	0.01
(2/4)	<0.0005	0.01
(5/6/8)	<0.0005	0.01
(7)	<0.0005	0.01
(9/10)	<0.0005	0.01
(11/12)	<0.0005	0.01
(13/14)	<0.0005	0.01
(15/16/17)	<0.0005	0.01
(18/19/20)	<0.0005	0.01
(21)	<0.0005	0.01
(22/23/24)	<0.0005	0.01
(25/26/29)	<0.0005	0.01
(27)	<0.0005	0.01
(28/30)	<0.0005	0.01
(31)	<0.0005	0.01
(32)	<0.0005	0.01
(33/34)	<0.0005	0.01
(35/52/53)	<0.0005	0.01
(36/37/38)	<0.0005	0.01
(39/40/41)	<0.0005	0.01
(42/43/44)	<0.0005	0.01
(45/46/47)	<0.0005	0.01
(48/49/50)	<0.0005	0.01
(51)	<0.0005	0.01
(54/56)	<0.0005	0.01
(57)	<0.0005	0.01
(58)	<0.0005	0.01
(59)	<0.0005	0.01
(60)	<0.0005	0.01
(61)	<0.0005	0.01
(62)	<0.0005	0.01

< = Less than



Test Report

Number: H-153115
(HKGH01136455)

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).
- (16) Dark brown coating on plastic (rake, hair of farmer #A1342X2).
- (17) Flesh colour 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 colour 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 colour) on metal (body of red car #A1341X1).
- (29) Silver colour vacuum plated coating on plastic (bumper of black car #A1341X1).
- (30) Gold colour 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 colour 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).



Test Report

Number: H-153115
(HKGH01136455)

Tests Conducted

Tested Components :

- (45) Transparent brown plastic (windshield of red car #A1341X1).
- (46) Light green plastic (zipper teeth #A1382XX).
- (47) Shiny pink plastic (zipper teeth #A1465XX).
- (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) Navy elastic band (body of ZipBin #A1247XX).
- (53) Navy velcro (body of ZipBin #A1247XX).
- (54) White polyfoam (inner layer of all ZipBin) (internal).
- (55) Shiny white plastic sheet (inner layer of all ZipBin) (internal).
- (56) Coatings on plastic sheet (inner pattern #A1290XX) (internal).
- (57) Coatings on plastic sheet (inner pattern #A1196X1) (internal).
- (58) Coatings on plastic sheet (inner pattern #A1382XX) (internal).
- (59) Coatings on plastic sheet (inner pattern #A1247XX) (internal).
- (60) Coatings on plastic sheet (inner pattern #A1465XX) (internal).
- (61) Coatings on plastic sheet (inner pattern #A1341X1, #A1341X2) (internal).
- (62) Coatings on plastic sheet (inner pattern #A1342X1, #A1342X2) (internal).

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

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

End of report

“The items were tested by Intertek Testing Services Hong Kong Ltd., for and on behalf of Intertek Testing Services (Leicester) Ltd.”

