



Valued Quality. Delivered.

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: HKGH01577213

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

Date: Dec 20, 2013

Sample Description:

Five (5) sets of submitted sample said to be :
Item Name

- : - #A1465XX Barbie™ ZipBin® Dream House Toy Box & Playmat
- #A1591XX Barbie™ Clutch and Closet with Bow
- #A1645XX Hot Wheels™ ZipBin® Ramp Race
- #A1639X1 Hot Wheels™ ZipBin® Wheelie
- #A1613XX LEGO® Friends Heartlake Wristlet
- #A1386X2 ZipBin® Princess Doll House
- #A1089X1 ZipBin® Princess Mini Unicorn
- #A1101X1 ZipBin® Princess Mini Mansion
- #A1433X1 LEGO® Star Wars™ ZipBin® Toy Box & Playmat
- #A1471XX LEGO® Star Wars™ ZipBin® Small Millennium Falcon
- #A1565XX LEGO® Star Wars™ ZipBin® Death Star
- #A1435XX LEGO® Star Wars™ ZipBin® Battle Bridge
- #A1564XX Star Wars™ ZipBin® Darth Vader
- #A1043X2 ZipBin® Mini Dinosaur
- #A1081X4 ZipBin® Dinosaur Toy Box & Playmat
- #A1289X7 ZipBin® Dinopack
- #A1397XX Hot Wheels™ ZipBin® Ramp It Up
- #A1079X3 ZipBin® Farmland Toy Box & Playmat
- #A1100X1 ZipBin® Farmland Mini Playset
- #A1305X1 LEGO® CITY ZipBin® Toy Box & Playmat
- #A1344XX LEGO® CITY ZipBin® Basket
- #A1354XX LEGO® Head ZipBin® Toy Tote & Playmat
- #A1388X1 LEGO® CITY Fire ZipBin® Toy Box & Playmat
- #A1509XX LEGO® Ninjago Battle Arena
- #A1632XX LEGO® CHIMA ZipBin® Battle Case
- #A1041X3 ZipBin® Small Town Toy Box & Playmat

To be continued

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

Angel Y.F. Cheung
Vice President



Valued Quality. Delivered.

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: HKGH01577213

Sample Description:
Item Name

- #A1585XX ZipBin® Road & Rail Toy Box & Playmat
- #A1204X1 ZipBin® Mini Speedway
- #A1261X7 ZipBin® Wheelie
- #A1276X8 ZipBin® Street Racer
- #M1569X3 The Picnic Lunch Box™ Assortment
- #A1510XX Penny Pig Lunch Box & Placemat
- #A1511XX Denzel Dog Lunch Box & Placemat
- #A1512XX Clyde Cow Lunch Box & Placemat
- #A1513XX Carmen Cat Lunch Box & Placemat
- #A1651XX Zebra Lunch Box & Placemat
- #A1652XX Frog Lunch Box & Placemat
- #A1483XX Hot Wheels 40 Car Tin
- #A1483X1 Hot Wheels 40 Car Tin with Hot Wheel Car
- #T1181 Emma - 4 1/2" Doll
- #T1182 Haley - 4 1/2" Doll
- #T1183 Sophie - 4 1/2" Doll

Labelled Age Group

: 5+ (for #A1613XX, #A1565XX and #A1632XX only)
3+ for others

Packaging Provided

: Yes

Manufacturer

: Huizhou Take Point Manufacturing Co. Ltd.

Country of Origin

: China



To be continued

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

Angel Y.F. Cheung
Vice President



Valued Quality. Delivered.

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: HKGH01577213

Sample Description:



To be continued

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

Angel Y.F. Cheung
Vice President





Valued Quality. Delivered.

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: HKGH01577213

Tests conducted:

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

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted sample sets	U.S. ASTM F963-11 for physical and mechanical tests	Pass
	U.S. ASTM F963-11 for Flammability Test of Materials other than textile materials	Pass
Tested components of submitted sample sets	U.S. ASTM F963-11 for heavy 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	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
	Illinois Lead Poisoning Prevention Act 410 ILCS 45 for total Lead content requirement	Pass

To be continued

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

Angel Y.F. Cheung
Vice President





Valued Quality. Delivered.

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: HKGH01577213

Conclusion :

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
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 for Phthalate content	Pass
	Phthalate content requirement in the consent judgment No. BG-350969 settled by superior court of the state of California for the county of Alameda, for Toys (designed for or reasonable used by children under six years of age) based on the California Proposition 65.	See details enclosed

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

Angel Y.F. Cheung
Vice President



Test Report

Number: HKGH01577213

Tests Conducted

1 Physical and Mechanical Tests

As per the ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

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

The submitted samples were undergone the use and abuse tests in accordance with the Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations : -		
<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Drop test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	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, straps and elastics	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	P
4.17	Wheels, tires and axles	P
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	P





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

Section	Testing items	Assessment
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings - name of producer/distributor (toy & 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 8.17 and 8.19 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

Date sample received : Nov 19, 2013 and Dec 04, 2013

Testing period : Nov 19, 2013 to Dec 09, 2013





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

2 Total Lead (Pb) content

By acid digestion method and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(1)	<0.002	0.009
(2/3)	<0.002	0.009
(4/5)	<0.002	0.009
(6)	<0.002	0.009
(7/8)	<0.002	0.009
(9)	<0.002	0.009
(10/11)	<0.002	0.009
(12/13)	<0.002	0.009
(14/15)	<0.002	0.009
(16/17)	<0.002	0.009
(18/19)	<0.002	0.009
(20/21)	<0.002	0.009
(22/23)	<0.002	0.009
(24/25)	<0.002	0.009
(26/27)	<0.002	0.009
(28)	<0.002	0.009
(29/30)	<0.002	0.009
(31/32)	<0.002	0.009
(33/34)	<0.002	0.009
(35/36)	<0.002	0.009
(37)	<0.002	0.009
(38/39)	<0.002	0.009
(40)	<0.002	0.009
(41)	<0.002	0.009
(42)	<0.002	0.009
(43)	<0.002	0.009
(44/45)	<0.002	0.009
(46/47)	<0.002	0.009
(48/49)	<0.002	0.009
(50/51)	<0.002	0.009





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Limit in %</u>
(52/53)	<0.002	0.01
(54/55/56)	<0.002	0.01
(57/58/59)	<0.002	0.01
(60/61/62)	<0.002	0.01
(63/64)	<0.002	0.01
(65/66/67)	<0.002	0.01
(68/69/70)	<0.002	0.01
(71/72/73)	<0.002	0.01
(74/75/76)	<0.002	0.01
(77)	<0.002	0.01
(78/79)	<0.002	0.01
(80/81/82)	<0.002	0.01
(83/84/85)	<0.002	0.01
(86/87/88)	<0.002	0.01
(89/90/91)	<0.002	0.01
(92/93/94)	<0.002	0.01
(95/96/97)	<0.002	0.01
(98/99/100)	<0.002	0.01
(101/102/103)	<0.002	0.01
(104/105)	<0.002	0.01
(106/107)	<0.002	0.01
(108)	<0.002	0.01
(109)	0.002	0.01
(110)	<0.002	0.01
(111)	0.008	0.01
(112)	<0.002	0.01
(113)	<0.002	0.01
(114)	<0.002	0.01
(115)	<0.002	0.01
(116)	<0.002	0.01
(117)	<0.002	0.01
(118)	<0.002	0.01
(119)	<0.002	0.01
(120)	<0.002	0.01
(121)	<0.002	0.01

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



Test Report

Number: HKGH01577213

Tests Conducted

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (2) White coating on fabric (barbie logo of #A1591XX).
- (3) Metallic orange hot stamp foil coating on plastic (wheels of car of #A1645XX, #A1397XX).
- (4) Orange coating on plastic (body of car of #A1645XX, #A1397XX).
- (5) Gold color hot stamp foil coating on plastic (wheels of car of #A1639X1).
- (6) Black coating on metal (body of car of #A1639x1).
- (7) Grey coating on plastic (front light of car of #A1645XX, #A1397XX).
- (8) Deep white coating on plastic (front light of car of #A1645XX, #A1397XX).
- (9) Silver color vacuum plated coating on plastic (chassis of car of #A1639X1, engine of #A1204X1).
- (10) Brown coating on plastic (eyebrows of doll of #A1386X2, #A1101X1).
- (11) Blue coating on plastic (eyes of doll of #A1386X2, #A1101X1).
- (12) White coating on plastic (eyes of doll of #A1386X2, #A1101X1, eyes of horse of #A1089X1, eyes of dinosaur of #A1081X4, #A1289X7, #NO.39).
- (13) Red coating on plastic (mouth of doll of #A1386X2, #A1101X1).
- (14) Pink coating on plastic (blush of doll of #A1386X2, #A1101X1, #NO.39).
- (15) Black coating on plastic (eyes of #A1089X1, #A1043X2, #A1081X4, #A1289X7, #NO.39).
- (16) Deep purple coating on plastic (eyes of horse of #A1089X1).
- (17) Purple coating on plastic (horn of horse of #A1089X1).
- (18) Green coating on plastic (dinosaur of #A1043X2).
- (19) Dark green coating on plastic (Triceratops of #A1043X2).
- (20) Shiny dark green coating on plastic (alamosaurus of #A1081X4).
- (21) Shiny dark purple coating on plastic (legs of alamosaurus of #A1081X4).
- (22) Yellow coating on plastic (body of red triceratops of #A1081X4).
- (23) Flesh color coating on plastic (horn of red triceratops of #A1081X4).
- (24) Dark blue coating on plastic (nose of red triceratops of #A1081X4).
- (25) Deep aqua coating on plastic (megalosaurus of #A1289X7).
- (26) Dull yellow coating on plastic (megalosaurus of #A1289X7).
- (27) Shiny pale red coating on plastic (car of #A1079X3, #A1100X1).
- (28) Coatings (blue, light flesh color, black) on plastic (worker of #A1079X3, #A1100X1).
- (29) Shiny pale black coating on plastic (wheels of #A1079X3, #A1100X1).
- (30) Shiny black coating on fabric (lego logo of #A1344XX).
- (31) Shiny red coating on fabric (lego logo of #A1344XX).
- (32) Shiny yellow coating on fabric (lego logo of #A1344XX).
- (33) Shiny white coating on fabric (lego logo of #A1344XX).
- (34) Silver color hot stamp foil coating on plastic (wheels of car of #A1041X3, #A1261X7, #A1261X7, #A1276X8).
- (35) Red coating on metal (car of #A1041X3, #A1204X1, #A1261X7, #A1276X8, #A1639X1).
- (36) Shiny yellow coating on metal (yellow car of #A1261X7).
- (37) Coatings on metal (pattern of car of #A1041X3, #A1204X1).
- (38) Dull silver color coating on metal (front light of cars of #A1261X7, #A1276X8).
- (39) Lacquer on metal (inner case of #A1483XX).
- (40) Coatings on paper label (sticker on case of #A1483XX).
- (41) Coatings on metal (background of case of #A1483XX).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (42) Coatings on metal (car pattern of case of #A1483XX).
- (43) Coatings on metal (fire and words pattern of case of #A1483XX).
- (44) Deep blue coating on plastic (eyes of girls of #NO.39).
- (45) Pale pink coating on plastic (eyes and lips of girls of #NO.39).
- (46) Pale light brown coating on plastic (eyebrows of girls of #NO.39).
- (47) Dull blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (48) Dull pale blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (49) Dull yellow coating on fabric (clothes of shiny pale gold color hair girl of #NO.39).
- (50) Dull orange coating on fabric (clothes of shiny pale gold color hair and brown hair girl of #NO.39).
- (51) Dull light green coating on fabric (clothes of brown hair girl of #NO.39).
- (52) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (53) Transparent plastic sheet backed with non-woven fabric (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (54) Shiny purple plastic (zipper teeth of #A1613XX).
- (55) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (56) Shiny light blue plastic (zipper teeth of #A1089X1).
- (57) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (58) Shiny green plastic (zipper teeth of #A1289X7).
- (59) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (60) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (61) Shiny light green plastic (zipper teeth of #A1585XX).
- (62) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).
- (63) Shiny orange plastic (zipper teeth of #A1513XX).
- (64) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).
- (65) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (66) Pink elastic band (band of pocket of #A1591XX).
- (67) Blue plastic (car body of #A1645XX, #A1397XX).
- (68) Black elastic band (band of pocket of #A1509XX).
- (69) Yellow elastic band (band of pocket of #A1261X7).
- (70) Flesh color plastic (body of doll of #A1386X2, #A1101X1).
- (71) Black plastic (wheels of car of #1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8 #A1204X1, #A1261X7).
- (72) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (73) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).
- (74) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (75) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (76) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (77) Transparent red plastic (windshield of car of #A1639X1).
- (78) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (79) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).
- (80) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (81) Pink plastic (horse of #A1089X1).
- (82) Blue plastic sheet (hair of horse of #A1089X1).
- (83) Yellow plastic sheet (hair of horse of #A1089X1).
- (84) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (85) Dull yellow plastic (Triceratops of #A1043X2).
- (86) Dull pale green plastic (dinosaur of #A1043X2).
- (87) Dull beige plastic (alamosaurus of #A1081X4).
- (88) Dull red plastic (red triceratops of #A1081X4).
- (89) Grey plastic (megalosaurus of #A1289X7).
- (90) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (91) Grey plastic (ladder of car of #A1041X3).
- (92) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (93) Transparent plastic (windshield of car of #A1041X3).
- (94) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (95) Deep grey plastic (chassis of yellow car of #A1261X7).
- (96) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (97) Dull orange plastic (handle of #A1483XX).
- (98) Translucent white plastic (tray of #A1483XX).
- (99) Transparent plastic (velcro of clothes of #NO.39).
- (100) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (101) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).
- (102) Brown color plastic sheet (hair of brown hair girl of #NO.39).
- (103) Pale brown plastic (head of girls of #NO.39).
- (104) Pale flesh color plastic (body of girls of #NO.39).
- (105) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (106) Dull pink plastic (shoes of girls of #NO.39).
- (107) Dull brown plastic (shoes of girls of #NO.39).
- (108) White woven with multi-color printing and multi-color lurex inserted (binding of deep pink dress of doll of #A1101X1).
- (109) Silver color plated metal (zipper slider of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (110) Silver color plated metal (zipper puller of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (111) Silver color metal (stud of #A1591XX).
- (112) Silver color metal (socket of #A1591XX).
- (113) Silver color metal (socket wire of #A1591XX).
- (114) Silver color metal excluding coatings (chassis of car of #A1645XX, #A1397XX, car body of #A1041X3, #A1204X1).
- (115) Silver color metal (axle of wheels of #A1276X8).





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

Tested components :

- (116) Silver color metal (stud of #A1483XX).
- (117) Silver color metal excluding coatings (case of #A1483XX).
- (118) Silver color metal (upper part of lock of #A1483XX).
- (119) Silver color metal (lower part of lock of #A1483XX).
- (120) Silver color metal (buckle of lock of #A1483XX).
- (121) Silver color metal (buckle holder of lock of #A1483XX).

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Dec 09, 2013

3 Total Lead (Pb) Content

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

(I) Surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Warning Statement Limit</u> in %	<u>Limit in %</u>
(1)	<0.002	0.004	0.009
(2/3)	<0.002	0.004	0.009
(4/5)	<0.002	0.004	0.009
(6)	<0.002	0.004	0.009
(7/8)	<0.002	0.004	0.009
(9)	<0.002	0.004	0.009
(10/11)	<0.002	0.004	0.009
(12/13)	<0.002	0.004	0.009
(14/15)	<0.002	0.004	0.009
(16/17)	<0.002	0.004	0.009
(18/19)	<0.002	0.004	0.009
(20/21)	<0.002	0.004	0.009
(22/23)	<0.002	0.004	0.009
(24/25)	<0.002	0.004	0.009
(26/27)	<0.002	0.004	0.009
(28)	<0.002	0.004	0.009
(29/30)	<0.002	0.004	0.009
(31/32)	<0.002	0.004	0.009
(33/34)	<0.002	0.004	0.009
(35/36)	<0.002	0.004	0.009
(37)	<0.002	0.004	0.009
(38/39)	<0.002	0.004	0.009
(40)	<0.002	0.004	0.009
(41)	<0.002	0.004	0.009
(42)	<0.002	0.004	0.009
(43)	<0.002	0.004	0.009
(44/45)	<0.002	0.004	0.009
(46/47)	<0.002	0.004	0.009
(48/49)	<0.002	0.004	0.009
(50/51)	<0.002	0.004	0.009





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in %</u>	<u>Warning Statement Limit in %</u>	<u>Limit in %</u>
(52/53)	<0.002	--	0.01
(54/55/56)	<0.002	--	0.01
(57/58/59)	<0.002	--	0.01
(60/61/62)	<0.002	--	0.01
(63/64)	<0.002	--	0.01
(65/66/67)	<0.002	--	0.01
(68/69/70)	<0.002	--	0.01
(71/72/73)	<0.002	--	0.01
(74/75/76)	<0.002	--	0.01
(77)	<0.002	--	0.01
(78/79)	<0.002	--	0.01
(80/81/82)	<0.002	--	0.01
(83/84/85)	<0.002	--	0.01
(86/87/88)	<0.002	--	0.01
(89/90/91)	<0.002	--	0.01
(92/93/94)	<0.002	--	0.01
(95/96/97)	<0.002	--	0.01
(98/99/100)	<0.002	--	0.01
(101/102/103)	<0.002	--	0.01
(104/105)	<0.002	--	0.01
(106/107)	<0.002	--	0.01
(108)	<0.002	--	0.01
(109)	0.002	--	0.01
(110)	<0.002	--	0.01
(111)	0.008	--	0.01
(112)	<0.002	--	0.01
(113)	<0.002	--	0.01
(114)	<0.002	--	0.01
(115)	<0.002	--	0.01
(116)	<0.002	--	0.01
(117)	<0.002	--	0.01
(118)	<0.002	--	0.01
(119)	<0.002	--	0.01
(120)	<0.002	--	0.01
(121)	<0.002	--	0.01



Test Report

Number: HKGH01577213

Tests Conducted

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (2) White coating on fabric (barbie logo of #A1591XX).
- (3) Metallic orange hot stamp foil coating on plastic (wheels of car of #A1645XX, #A1397XX).
- (4) Orange coating on plastic (body of car of #A1645XX, #A1397XX).
- (5) Gold color hot stamp foil coating on plastic (wheels of car of #A1639X1).
- (6) Black coating on metal (body of car of #A1639X1).
- (7) Grey coating on plastic (front light of car of #A1645XX, #A1397XX).
- (8) Deep white coating on plastic (front light of car of #A1645XX, #A1397XX).
- (9) Silver color vacuum plated coating on plastic (chassis of car of #A1639X1, engine of #A1204X1).
- (10) Brown coating on plastic (eyebrows of doll of #A1386X2, #A1101X1).
- (11) Blue coating on plastic (eyes of doll of #A1386X2, #A1101X1).
- (12) White coating on plastic (eyes of doll of #A1386X2, #A1101X1, eyes of horse of #A1089X1, eyes of dinosaur of #A1081X4, #A1289X7, #NO.39).
- (13) Red coating on plastic (mouth of doll of #A1386X2, #A1101X1).
- (14) Pink coating on plastic (blush of doll of #A1386X2, #A1101X1, #NO.39).
- (15) Black coating on plastic (eyes of #A1089X1, #A1043X2, #A1081X4, #A1289X7, #NO.39).
- (16) Deep purple coating on plastic (eyes of horse of #A1089X1).
- (17) Purple coating on plastic (horn of horse of #A1089X1).
- (18) Green coating on plastic (dinosaur of #A1043X2).
- (19) Dark green coating on plastic (Triceratops of #A1043X2).
- (20) Shiny dark green coating on plastic (alamosaurus of #A1081X4).
- (21) Shiny dark purple coating on plastic (legs of alamosaurus of #A1081X4).
- (22) Yellow coating on plastic (body of red triceratops of #A1081X4).
- (23) Flesh color coating on plastic (horn of red triceratops of #A1081X4).
- (24) Dark blue coating on plastic (nose of red triceratops of #A1081X4).
- (25) Deep aqua coating on plastic (megalosaurus of #A1289X7).
- (26) Dull yellow coating on plastic (megalosaurus of #A1289X7).
- (27) Shiny pale red coating on plastic (car of #A1079X3, #A1100X1).
- (28) Coatings (blue, light flesh color, black) on plastic (worker of #A1079X3, #A1100X1).
- (29) Shiny pale black coating on plastic (wheels of #A1079X3, #A1100X1).
- (30) Shiny black coating on fabric (lego logo of #A1344XX).
- (31) Shiny red coating on fabric (lego logo of #A1344XX).
- (32) Shiny yellow coating on fabric (lego logo of #A1344XX).
- (33) Shiny white coating on fabric (lego logo of #A1344XX).
- (34) Silver color hot stamp foil coating on plastic (wheels of car of #A1041X3, #A1261X7, #A1261X7, #A1276X8).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (35) Red coating on metal (car of #A1041X3, #A1204X1, #A1261X7, #A1276X8, #A1639X1).
- (36) Shiny yellow coating on metal (yellow car of #A1261X7).
- (37) Coatings on metal (pattern of car of #A1041X3, #A1204X1).
- (38) Dull silver color coating on metal (front light of cars of #A1261X7, #A1276X8).
- (39) Lacquer on metal (inner case of #A1483XX).
- (40) Coatings on paper label (sticker on case of #A1483XX).
- (41) Coatings on metal (background of case of #A1483XX).
- (42) Coatings on metal (car pattern of case of #A1483XX).
- (43) Coatings on metal (fire and words pattern of case of #A1483XX).
- (44) Deep blue coating on plastic (eyes of girls of #NO.39).
- (45) Pale pink coating on plastic (eyes and lips of girls of #NO.39).
- (46) Pale light brown coating on plastic (eyebrows of girls of #NO.39).
- (47) Dull blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (48) Dull pale blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (49) Dull yellow coating on fabric (clothes of shiny pale gold color hair girl of #NO.39).
- (50) Dull orange coating on fabric (clothes of shiny pale gold color hair and brown hair girl of #NO.39).
- (51) Dull light green coating on fabric (clothes of brown hair girl of #NO.39).
- (52) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (53) Transparent plastic sheet backed with non-woven fabric (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (54) Shiny purple plastic (zipper teeth of #A1613XX).
- (55) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (56) Shiny light blue plastic (zipper teeth of #A1089X1).
- (57) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (58) Shiny green plastic (zipper teeth of #A1289X7).
- (59) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (60) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (61) Shiny light green plastic (zipper teeth of #A1585XX).
- (62) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).
- (63) Shiny orange plastic (zipper teeth of #A1513XX).
- (64) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).
- (65) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (66) Pink elastic band (band of pocket of #A1591XX).
- (67) Blue plastic (car body of #A1645XX, #A1397XX).
- (68) Black elastic band (band of pocket of #A1509XX).
- (69) Yellow elastic band (band of pocket of #A1261X7).
- (70) Flesh color plastic (body of doll of #A1386X2, #A1101X1).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (71) Black plastic (wheels of car of #1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8 #A1204X1, #A1261X7).
- (72) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (73) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).
- (74) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (75) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (76) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (77) Transparent red plastic (windshield of car of #A1639X1).
- (78) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).
- (79) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).
- (80) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (81) Pink plastic (horse of #A1089X1).
- (82) Blue plastic sheet (hair of horse of #A1089X1).
- (83) Yellow plastic sheet (hair of horse of #A1089X1).
- (84) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (85) Dull yellow plastic (Triceratops of #A1043X2).
- (86) Dull pale green plastic (dinosaur of #A1043X2).
- (87) Dull beige plastic (alamosaurus of #A1081X4).
- (88) Dull red plastic (red triceratops of #A1081X4).
- (89) Grey plastic (megalosaurus of #A1289X7).
- (90) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (91) Grey plastic (ladder of car of #A1041X3).
- (92) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (93) Transparent plastic (windshield of car of #A1041X3).
- (94) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (95) Deep grey plastic (chassis of yellow car of #A1261X7).
- (96) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (97) Dull orange plastic (handle of #A1483XX).
- (98) Translucent white plastic (tray of #A1483XX).
- (99) Transparent plastic (velcro of clothes of #NO.39).
- (100) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (101) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).
- (102) Brown color plastic sheet (hair of brown hair girl of #NO.39).
- (103) Pale brown plastic (head of girls of #NO.39).
- (104) Pale flesh color plastic (body of girls of #NO.39).
- (105) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (106) Dull pink plastic (shoes of girls of #NO.39).
- (107) Dull brown plastic (shoes of girls of #NO.39).
- (108) White woven with multi-color printing and multi-color lurex inserted (binding of deep pink dress of doll of #A1101X1).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (109) Silver color plated metal (zipper slider of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (110) Silver color plated metal (zipper puller of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (111) Silver color metal (stud of #A1591XX).
- (112) Silver color metal (socket of #A1591XX).
- (113) Silver color metal (socket wire of #A1591XX).
- (114) Silver color metal excluding coatings (chassis of car of #A1645XX, #A1397XX, car body of #A1041X3, #A1204X1).
- (115) Silver color metal (axle of wheels of #A1276X8).
- (116) Silver color metal (stud of #A1483XX).
- (117) Silver color metal excluding coatings (case of #A1483XX).
- (118) Silver color metal (upper part of lock of #A1483XX).
- (119) Silver color metal (lower part of lock of #A1483XX).
- (120) Silver color metal (buckle of lock of #A1483XX).
- (121) Silver color metal (buckle holder of lock of #A1483XX).

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Dec 09, 2013

4 Flammability Test

As per Section 4.2 of the ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

<u>Sample</u>	<u>Ignition point</u>	<u>Burn length</u> (inch)	<u>Time</u> (sec)	<u>Burn rate</u> (inch/sec)	<u>Limit</u> (inch/sec)
Horse	Tail	2.5	60	0.04	0.10

All styles of the submitted toy sample and its accessories were tested, the above result only showed the most severe burn rate of the samples.

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Nov 29, 2013





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

5 Heavy Elements Analysis

As per Section 4.3.5.1(2) and 4.3.5.2(2)(b) of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	Result in ppm						Limit
	(1)	(6)	(20)	(27)	(28)	(29)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(34)	(35)	(37)	(39)	(40)	(41)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(42)	(43)	(52)	(53)	(54)	(55)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(56)	(57)	(58)	(59)	(60)	(61)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

	Result in ppm						Limit
	(62)	(63)	(64)	(65)	(66)	(67)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(68)	(69)	(70)	(71)	(72)	(73)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(74)	(75)	(76)	(77)	(78)	(79)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(80)	(81)	(82)	(83)	(84)	(85)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

	Result in ppm						Limit
	(86)	(87)	(88)	(89)	(90)	(91)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(92)	(93)	(94)	(95)	(96)	(97)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(98)	(99)	(100)	(101)	(102)	(103)	ppm
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in ppm						Limit
	(104)	(105)	(106)	(107)	(108)		ppm
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)	<2.5	<2.5	<2.5	<2.5	<2.5		60
Sol. Arsenic (As)	<5	<5	<5	<5	<5		25

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



Test Report

Number: HKGH01577213

Tests Conducted

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (2) @ White coating on fabric (barbie logo of #A1591XX).
- (3) @ Metallic orange hot stamp foil coating on plastic (wheels of car of #A1645XX, #A1397XX).
- (4) @ Orange coating on plastic (body of car of #A1645XX, #A1397XX).
- (5) @ Gold color hot stamp foil coating on plastic (wheels of car of #A1639X1).
- (6) Black coating on metal (body of car of #A1639X1).
- (7) @ Grey coating on plastic (front light of car of #A1645XX, #A1397XX).
- (8) @ Deep white coating on plastic (front light of car of #A1645XX, #A1397XX).
- (9) @ Silver color vacuum plated coating on plastic (chassis of car of #A1639X1, engine of #A1204X1).
- (10) @ Brown coating on plastic (eyebrows of doll of #A1386X2, #A1101X1).
- (11) @ Blue coating on plastic (eyes of doll of #A1386X2, #A1101X1).
- (12) @ White coating on plastic (eyes of doll of #A1386X2, #A1101X1, eyes of horse of #A1089X1, eyes of dinosaur of #A1081X4, #A1289X7, #NO.39).
- (13) @ Red coating on plastic (mouth of doll of #A1386X2, #A1101X1).
- (14) @ Pink coating on plastic (blush of doll of #A1386X2, #A1101X1, #NO.39).
- (15) @ Black coating on plastic (eyes of #A1089X1, #A1043X2, #A1081X4, #A1289X7, #NO.39).
- (16) @ Deep purple coating on plastic (eyes of horse of #A1089X1).
- (17) @ Purple coating on plastic (horn of horse of #A1089X1).
- (18) @ Green coating on plastic (dinosaur of #A1043X2).
- (19) @ Dark green coating on plastic (Triceratops of #A1043X2).
- (20) Shiny dark green coating on plastic (alamosaurus of #A1081X4).
- (21) @ Shiny dark purple coating on plastic (legs of alamosaurus of #A1081X4).
- (22) @ Yellow coating on plastic (body of red triceratops of #A1081X4).
- (23) @ Flesh color coating on plastic (horn of red triceratops of #A1081X4).
- (24) @ Dark blue coating on plastic (nose of red triceratops of #A1081X4).
- (25) @ Deep aqua coating on plastic (megalosaurus of #A1289X7).
- (26) @ Dull yellow coating on plastic (megalosaurus of #A1289X7).
- (27) Coatings (blue, light flesh color, black) on plastic (worker of #A1079X3, #A1100X1).
- (28) Shiny pale red coating on plastic (car of #A1079X3, #A1100X1).
- (29) Shiny pale black coating on plastic (wheels of #A1079X3, #A1100X1).
- (30) @ Shiny black coating on fabric (lego logo of #A1344XX).
- (31) @ Shiny red coating on fabric (lego logo of #A1344XX).
- (32) @ Shiny yellow coating on fabric (lego logo of #A1344XX).
- (33) @ Shiny white coating on fabric (lego logo of #A1344XX).
- (34) Red coating on metal (car of #A1041X3, #A1204X1, #A1261X7, #A1276X8, #A1639X1).
- (35) Coatings on metal (pattern of car of #A1041X3, #A1204X1).
- (36) @ Silver color hot stamp foil coating on plastic (wheels of car of #A1041X3, #A1261X7, #A1276X8).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (37) Shiny yellow coating on metal (yellow car of #A1261X7).
- (38) @ Dull silver color coating on metal (front light of cars of #A1261X7, #A1276X8).
- (39) Coatings on paper label (sticker on case of #A1483XX).
- (40) Coatings on metal (background of case of #A1483XX).
- (41) Coatings on metal (car pattern of case of #A1483XX).
- (42) Coatings on metal (fire and words pattern of case of #A1483XX).
- (43) Lacquer on metal (inner case of #A1483XX).
- (44) @ Deep blue coating on plastic (eyes of girls of #NO.39).
- (45) @ Pale pink coating on plastic (eyes and lips of girls of #NO.39).
- (46) @ Pale light brown coating on plastic (eyebrows of girls of #NO.39).
- (47) @ Dull blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (48) @ Dull pale blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (49) @ Dull yellow coating on fabric (clothes of shiny pale gold color hair girl of #NO.39).
- (50) @ Dull orange coating on fabric (clothes of shiny pale gold color hair and brown hair girl of #NO.39).
- (51) @ Dull light green coating on fabric (clothes of brown hair girl of #NO.39).
- (52) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (53) Shiny purple plastic (zipper teeth of #A1613XX).
- (54) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (55) Shiny light blue plastic (zipper teeth of #A1089X1).
- (56) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (57) Shiny green plastic (zipper teeth of #A1289X7).
- (58) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (59) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (60) Shiny light green plastic (zipper teeth of #A1585XX).
- (61) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).
- (62) Shiny orange plastic (zipper teeth of #A1513XX).
- (63) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).
- (64) Transparent plastic sheet backed with non-woven fabric (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (65) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (66) Pink elastic band (band of pocket of #A1591XX).
- (67) Black elastic band (band of pocket of #A1509XX).
- (68) Yellow elastic band (band of pocket of #A1261X7).
- (69) Blue plastic (car body of #A1645XX, #A1397XX).
- (70) Black plastic (wheels of car of #1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8 #A1204X1, #A1261X7).
- (71) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (72) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (73) Flesh color plastic (body of doll of #A1386X2, #A1101X1).
- (74) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (75) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (76) Transparent red plastic (windshield of car of #A1639X1).
- (77) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (78) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).
- (79) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).
- (80) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (81) Pink plastic (horse of #A1089X1).
- (82) Blue plastic sheet (hair of horse of #A1089X1).
- (83) Yellow plastic sheet (hair of horse of #A1089X1).
- (84) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (85) Dull yellow plastic (Triceratops of #A1043X2).
- (86) Dull pale green plastic (dinosaur of #A1043X2).
- (87) Dull beige plastic (alamosaurus of #A1081X4).
- (88) Dull red plastic (red triceratops of #A1081X4).
- (89) Grey plastic (megalosaurus of #A1289X7).
- (90) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (91) Grey plastic (ladder of car of #A1041X3).
- (92) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (93) Transparent plastic (windshield of car of #A1041X3).
- (94) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (95) Deep grey plastic (chassis of yellow car of #A1261X7).
- (96) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (97) Dull orange plastic (handle of #A1483XX).
- (98) Translucent white plastic (tray of #A1483XX).
- (99) Transparent plastic (velcro of clothes of #NO.39).
- (100) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (101) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).
- (102) Brown color plastic sheet (hair of brown hair girl of #NO.39).
- (103) Pale brown plastic (head of girls of #NO.39).
- (104) Pale flesh color plastic (body of girls of #NO.39).
- (105) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (106) Dull pink plastic (shoes of girls of #NO.39).
- (107) Dull brown plastic (shoes of girls of #NO.39).
- (108) Grey paper board (inner card of #A1591XX, #A1344XX, #A1509XX).

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

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Dec 09, 2013





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

6 Total Lead (Pb) Content

As per Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1001-08.1, CPSC-CH-E1002-08.1 or/and CPSC-CH-E1003-09.1 was/were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

(I) Surface coating

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(1)	<20	90
(2/3)	<20	90
(4/5)	<20	90
(6)	<20	90
(7/8)	<20	90
(9)	<20	90
(10/11)	<20	90
(12/13)	<20	90
(14/15)	<20	90
(16/17)	<20	90
(18/19)	<20	90
(20/21)	<20	90
(22/23)	<20	90
(24/25)	<20	90
(26/27)	<20	90
(28)	<20	90
(29/30)	<20	90
(31/32)	<20	90
(33/34)	<20	90
(35/36)	<20	90
(37)	<20	90
(38/39)	<20	90
(40)	<20	90
(41)	<20	90
(42)	<20	90
(43)	<20	90
(44/45)	<20	90
(46/47)	<20	90
(48/49)	<20	90
(50/51)	<20	90





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

(II) Non-surface coating

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit (ppm)</u>
(52/53)	<20	100
(54/55/56)	<20	100
(57/58/59)	<20	100
(60/61/62)	<20	100
(63/64)	<20	100
(65/66/67)	<20	100
(68/69/70)	<20	100
(71/72/73)	<20	100
(74/75/76)	<20	100
(77)	<20	100
(78/79)	<20	100
(80/81/82)	<20	100
(83/84/85)	<20	100
(86/87/88)	<20	100
(89/90/91)	<20	100
(92/93/94)	<20	100
(95/96/97)	<20	100
(98/99/100)	<20	100
(101/102/103)	<20	100
(104/105)	<20	100
(106/107)	<20	100
(108)	<20	100
(109)	20	100
(110)	<20	100
(111)	83	100
(112)	<20	100
(113)	<20	100
(114)	<20	100
(115)	<20	100
(116)	<20	100
(117)	<20	100
(118)	<20	100
(119)	<20	100
(120)	<20	100
(121)	<20	100

ppm = parts per million = mg/kg



Test Report

Number: HKGH01577213

Tests Conducted

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (2) White coating on fabric (barbie logo of #A1591XX).
- (3) Metallic orange hot stamp foil coating on plastic (wheels of car of #A1645XX, #A1397XX).
- (4) Orange coating on plastic (body of car of #A1645XX, #A1397XX).
- (5) Gold color hot stamp foil coating on plastic (wheels of car of #A1639X1).
- (6) Black coating on metal (body of car of #A1639x1).
- (7) Grey coating on plastic (front light of car of #A1645XX, #A1397XX).
- (8) Deep white coating on plastic (front light of car of #A1645XX, #A1397XX).
- (9) Silver color vacuum plated coating on plastic (chassis of car of #A1639X1, engine of #A1204X1).
- (10) Brown coating on plastic (eyebrows of doll of #A1386X2, #A1101X1).
- (11) Blue coating on plastic (eyes of doll of #A1386X2, #A1101X1).
- (12) White coating on plastic (eyes of doll of #A1386X2, #A1101X1, eyes of horse of #A1089X1, eyes of dinosaur of #A1081X4, #A1289X7, #NO.39).
- (13) Red coating on plastic (mouth of doll of #A1386X2, #A1101X1).
- (14) Pink coating on plastic (blush of doll of #A1386X2, #A1101X1, #NO.39).
- (15) Black coating on plastic (eyes of #A1089X1, #A1043X2, #A1081X4, #A1289X7, #NO.39).
- (16) Deep purple coating on plastic (eyes of horse of #A1089X1).
- (17) Purple coating on plastic (horn of horse of #A1089X1).
- (18) Green coating on plastic (dinosaur of #A1043X2).
- (19) Dark green coating on plastic (Triceratops of #A1043X2).
- (20) Shiny dark green coating on plastic (alamosaurus of #A1081X4).
- (21) Shiny dark purple coating on plastic (legs of alamosaurus of #A1081X4).
- (22) Yellow coating on plastic (body of red triceratops of #A1081X4).
- (23) Flesh color coating on plastic (horn of red triceratops of #A1081X4).
- (24) Dark blue coating on plastic (nose of red triceratops of #A1081X4).
- (25) Deep aqua coating on plastic (megalosaurus of #A1289X7).
- (26) Dull yellow coating on plastic (megalosaurus of #A1289X7).
- (27) Shiny pale red coating on plastic (car of #A1079X3, #A1100X1).
- (28) Coatings (blue, light flesh color, black) on plastic (worker of #A1079X3, #A1100X1).
- (29) Shiny pale black coating on plastic (wheels of #A1079X3, #A1100X1).
- (30) Shiny black coating on fabric (lego logo of #A1344XX).
- (31) Shiny red coating on fabric (lego logo of #A1344XX).
- (32) Shiny yellow coating on fabric (lego logo of #A1344XX).
- (33) Shiny white coating on fabric (lego logo of #A1344XX).
- (34) Silver color hot stamp foil coating on plastic (wheels of car of #A1041X3, #A1261X7, #A1261X7, #A1276X8).
- (35) Red coating on metal (car of #A1041X3, #A1204X1, #A1261X7, #A1276X8, #A1639X1).
- (36) Shiny yellow coating on metal (yellow car of #A1261X7).
- (37) Coatings on metal (pattern of car of #A1041X3, #A1204X1).
- (38) Dull silver color coating on metal (front light of cars of #A1261X7, #A1276X8).
- (39) Lacquer on metal (inner case of #A1483XX).
- (40) Coatings on paper label (sticker on case of #A1483XX).
- (41) Coatings on metal (background of case of #A1483XX).
- (42) Coatings on metal (car pattern of case of #A1483XX).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (43) Coatings on metal (fire and words pattern of case of #A1483XX).
- (44) Deep blue coating on plastic (eyes of girls of #NO.39).
- (45) Pale pink coating on plastic (eyes and lips of girls of #NO.39).
- (46) Pale light brown coating on plastic (eyebrows of girls of #NO.39).
- (47) Dull blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (48) Dull pale blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (49) Dull yellow coating on fabric (clothes of shiny pale gold color hair girl of #NO.39).
- (50) Dull orange coating on fabric (clothes of shiny pale gold color hair and brown hair girl of #NO.39).
- (51) Dull light green coating on fabric (clothes of brown hair girl of #NO.39).
- (52) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (53) Transparent plastic sheet backed with non-woven fabric (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (54) Shiny purple plastic (zipper teeth of #A1613XX).
- (55) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (56) Shiny light blue plastic (zipper teeth of #A1089X1).
- (57) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (58) Shiny green plastic (zipper teeth of #A1289X7).
- (59) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (60) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (61) Shiny light green plastic (zipper teeth of #A1585XX).
- (62) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).
- (63) Shiny orange plastic (zipper teeth of #A1513XX).
- (64) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).
- (65) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (66) Pink elastic band (band of pocket of #A1591XX).
- (67) Blue plastic (car body of #A1645XX, #A1397XX).
- (68) Black elastic band (band of pocket of #A1509XX).
- (69) Yellow elastic band (band of pocket of #A1261X7).
- (70) Flesh color plastic (body of doll of #A1386X2, #A1101X1).
- (71) Black plastic (wheels of car of #1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8 #A1204X1, #A1261X7).
- (72) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (73) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).
- (74) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (75) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (76) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (77) Transparent red plastic (windshield of car of #A1639X1).
- (78) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).
- (79) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

Tested components :

- (80) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (81) Pink plastic (horse of #A1089X1).
- (82) Blue plastic sheet (hair of horse of #A1089X1).
- (83) Yellow plastic sheet (hair of horse of #A1089X1).
- (84) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (85) Dull yellow plastic (Triceratops of #A1043X2).
- (86) Dull pale green plastic (dinosaur of #A1043X2).
- (87) Dull beige plastic (alamosaurus of #A1081X4).
- (88) Dull red plastic (red triceratops of #A1081X4).
- (89) Grey plastic (megalosaurus of #A1289X7).
- (90) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (91) Grey plastic (ladder of car of #A1041X3).
- (92) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (93) Transparent plastic (windshield of car of #A1041X3).
- (94) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (95) Deep grey plastic (chassis of yellow car of #A1261X7).
- (96) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (97) Dull orange plastic (handle of #A1483XX).
- (98) Translucent white plastic (tray of #A1483XX).
- (99) Transparent plastic (velcro of clothes of #NO.39).
- (100) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (101) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).
- (102) Brown color plastic sheet (hair of brown hair girl of #NO.39).
- (103) Pale brown plastic (head of girls of #NO.39).
- (104) Pale flesh color plastic (body of girls of #NO.39).
- (105) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (106) Dull pink plastic (shoes of girls of #NO.39).
- (107) Dull brown plastic (shoes of girls of #NO.39).
- (108) White woven with multi-color printing and multi-color lurex inserted (binding of deep pink dress of doll of #A1101X1).
- (109) Silver color plated metal (zipper slider of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (110) Silver color plated metal (zipper puller of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (111) Silver color metal (stud of #A1591XX).
- (112) Silver color metal (socket of #A1591XX).
- (113) Silver color metal (socket wire of #A1591XX).
- (114) Silver color metal excluding coatings (chassis of car of #A1645XX, #A1397XX, car body of #A1041X3, #A1204X1).





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

Tested components :

- (115) Silver color metal (axle of wheels of #A1276X8).
- (116) Silver color metal (stud of #A1483XX).
- (117) Silver color metal excluding coatings (case of #A1483XX).
- (118) Silver color metal (upper part of lock of #A1483XX).
- (119) Silver color metal (lower part of lock of #A1483XX).
- (120) Silver color metal (buckle of lock of #A1483XX).
- (121) Silver color metal (buckle holder of lock of #A1483XX).

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Dec 09, 2013

7 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 <u>tested</u>	Sharp <u>point</u> (1500.48)	Sharp <u>edge</u> (1500.49)	Small <u>part</u> (1501)
As received	1	P	P	NA
Impact (1500.53 (b))	1	P	P	NA
Flexure (1500.53 (d))	0	NA	NA	NA
Torque (1500.53 (e))	1	P	P	NA
Tension (1500.53 (f))	1	P	P	NA
Compression (1500.53 (g))	1	P	P	NA

Remark : P = Pass
NA = Not applicable

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Nov 29, 2013





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

8 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>Burn rate</u> (inch/sec)	<u>Limit</u> (inch/sec)
Horse	Tail	2.5	60	0.04	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 : Nov 19, 2013
Testing period : Nov 19, 2013 to Nov 29, 2013

9 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u>	<u>Result in ppm</u>	<u>Limit in ppm</u>
(1)	<20	90
(2/3)	<20	90
(4/5)	<20	90
(6)	<20	90
(7/8)	<20	90
(9)	<20	90
(10/11)	<20	90
(12/13)	<20	90
(14/15)	<20	90
(16/17)	<20	90
(18/19)	<20	90
(20/21)	<20	90
(22/23)	<20	90
(24/25)	<20	90
(26/27)	<20	90
(28)	<20	90
(29/30)	<20	90
(31/32)	<20	90
(33/34)	<20	90
(35/36)	<20	90
(37)	<20	90
(38/39)	<20	90
(40)	<20	90
(41)	<20	90
(42)	<20	90
(43)	<20	90
(44/45)	<20	90
(46/47)	<20	90
(48/49)	<20	90
(50/51)	<20	90



Test Report

Number: HKGH01577213

Tests Conducted

ppm = parts per million = mg/kg

Tested Components :

- (1) Coatings (white, black) on woven (sewn-in label of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (2) White coating on fabric (barbie logo of #A1591XX).
- (3) Metallic orange hot stamp foil coating on plastic (wheels of car of #A1645XX, #A1397XX).
- (4) Orange coating on plastic (body of car of #A1645XX, #A1397XX).
- (5) Gold color hot stamp foil coating on plastic (wheels of car of #A1639X1).
- (6) Black coating on metal (body of car of #A1639x1).
- (7) Grey coating on plastic (front light of car of #A1645XX, #A1397XX).
- (8) Deep white coating on plastic (front light of car of #A1645XX, #A1397XX).
- (9) Silver color vacuum plated coating on plastic (chassis of car of #A1639X1, engine of #A1204X1).
- (10) Brown coating on plastic (eyebrows of doll of #A1386X2, #A1101X1).
- (11) Blue coating on plastic (eyes of doll of #A1386X2, #A1101X1).
- (12) White coating on plastic (eyes of doll of #A1386X2, #A1101X1, eyes of horse of #A1089X1, eyes of dinosaur of #A1081X4, #A1289X7, #NO.39).
- (13) Red coating on plastic (mouth of doll of #A1386X2, #A1101X1).
- (14) Pink coating on plastic (blush of doll of #A1386X2, #A1101X1, #NO.39).
- (15) Black coating on plastic (eyes of #A1089X1, #A1043X2, #A1081X4, #A1289X7, #NO.39).
- (16) Deep purple coating on plastic (eyes of horse of #A1089X1).
- (17) Purple coating on plastic (horn of horse of #A1089X1).
- (18) Green coating on plastic (dinosaur of #A1043X2).
- (19) Dark green coating on plastic (Triceratops of #A1043X2).
- (20) Shiny dark green coating on plastic (alamosaurus of #A1081X4).
- (21) Shiny dark purple coating on plastic (legs of alamosaurus of #A1081X4).
- (22) Yellow coating on plastic (body of red triceratops of #A1081X4).
- (23) Flesh color coating on plastic (horn of red triceratops of #A1081X4).
- (24) Dark blue coating on plastic (nose of red triceratops of #A1081X4).
- (25) Deep aqua coating on plastic (megalosaurus of #A1289X7).
- (26) Dull yellow coating on plastic (megalosaurus of #A1289X7).
- (27) Shiny pale red coating on plastic (car of #A1079X3, #A1100X1).
- (28) Coatings (blue, light flesh color, black) on plastic (worker of #A1079X3, #A1100X1).
- (29) Shiny pale black coating on plastic (wheels of #A1079X3, #A1100X1).
- (30) Shiny black coating on fabric (lego logo of #A1344XX).
- (31) Shiny red coating on fabric (lego logo of #A1344XX).
- (32) Shiny yellow coating on fabric (lego logo of #A1344XX).
- (33) Shiny white coating on fabric (lego logo of #A1344XX).
- (34) Silver color hot stamp foil coating on plastic (wheels of car of #A1041X3, #A1261X7, #A1261X7, #A1276X8).
- (35) Red coating on metal (car of #A1041X3, #A1204X1, #A1261X7, #A1276X8, #A1639X1).
- (36) Shiny yellow coating on metal (yellow car of #A1261X7).
- (37) Coatings on metal (pattern of car of #A1041X3, #A1204X1).
- (38) Dull silver color coating on metal (front light of cars of #A1261X7, #A1276X8).
- (39) Lacquer on metal (inner case of #A1483XX).
- (40) Coatings on paper label (sticker on case of #A1483XX).





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

Tested components :

- (41) Coatings on metal (background of case of #A1483XX).
- (42) Coatings on metal (car pattern of case of #A1483XX).
- (43) Coatings on metal (fire and words pattern of case of #A1483XX).
- (44) Deep blue coating on plastic (eyes of girls of #NO.39).
- (45) Pale pink coating on plastic (eyes and lips of girls of #NO.39).
- (46) Pale light brown coating on plastic (eyebrows of girls of #NO.39).
- (47) Dull blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (48) Dull pale blue coating on fabric (clothes of shiny pale beige hair girl of #NO.39).
- (49) Dull yellow coating on fabric (clothes of shiny pale gold color hair girl of #NO.39).
- (50) Dull orange coating on fabric (clothes of shiny pale gold color hair and brown hair girl of #NO.39).
- (51) Dull light green coating on fabric (clothes of brown hair girl of #NO.39).

Date sample received : Nov 19, 2013

Testing period : Nov 19, 2013 to Dec 09, 2013

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	100
(3/4/5)	<20	100
(6/7/8)	<20	100
(9/10/11)	<20	100
(12/13)	<20	100
(14/15/16)	<20	100
(17/18/19)	<20	100
(20/21/22)	<20	100
(23/24/25)	<20	100
(26)	<20	100
(27/28)	<20	100
(29/30/31)	<20	100
(32/33/34)	<20	100
(35/36/37)	<20	100
(38/39/40)	<20	100
(41/42/43)	<20	100
(44/45/46)	<20	100
(47/48/49)	<20	100
(50/51/52)	<20	100
(53/54)	<20	100
(55/56)	<20	100
(57)	<20	100
(58)	20	100
(59)	<20	100
(60)	83	100
(61)	<20	100
(62)	<20	100
(63)	<20	100



Test Report

Number: HKGH01577213

Tests Conducted

Tested Component	Result in ppm	Limit in ppm
(64)	<20	100
(65)	<20	100
(66)	<20	100
(67)	<20	100
(68)	<20	100
(69)	<20	100
(70)	<20	100

ppm = parts per million = mg/kg

Tested Components :

- (1) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (2) Transparent plastic sheet backed with non-woven fabric (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (3) Shiny purple plastic (zipper teeth of #A1613XX).
- (4) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (5) Shiny light blue plastic (zipper teeth of #A1089X1).
- (6) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (7) Shiny green plastic (zipper teeth of #A1289X7).
- (8) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (9) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (10) Shiny light green plastic (zipper teeth of #A1585XX).
- (11) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).
- (12) Shiny orange plastic (zipper teeth of #A1513XX).
- (13) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).
- (14) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (15) Pink elastic band (band of pocket of #A1591XX).
- (16) Blue plastic (car body of #A1645XX, #A1397XX).
- (17) Black elastic band (band of pocket of #A1509XX).
- (18) Yellow elastic band (band of pocket of #A1261X7).
- (19) Flesh color plastic (body of doll of #A1386X2, #A1101X1).
- (20) Black plastic (wheels of car of #1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8 #A1204X1, #A1261X7).
- (21) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (22) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).
- (23) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (24) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (25) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (26) Transparent red plastic (windshield of car of #A1639X1).
- (27) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).
- (28) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (29) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (30) Pink plastic (horse of #A1089X1).
- (31) Blue plastic sheet (hair of horse of #A1089X1).
- (32) Yellow plastic sheet (hair of horse of #A1089X1).
- (33) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (34) Dull yellow plastic (Triceratops of #A1043X2).
- (35) Dull pale green plastic (dinosaur of #A1043X2).
- (36) Dull beige plastic (alamosaurus of #A1081X4).
- (37) Dull red plastic (red triceratops of #A1081X4).
- (38) Grey plastic (megalosaurus of #A1289X7).
- (39) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (40) Grey plastic (ladder of car of #A1041X3).
- (41) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (42) Transparent plastic (windshield of car of #A1041X3).
- (43) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (44) Deep grey plastic (chassis of yellow car of #A1261X7).
- (45) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (46) Dull orange plastic (handle of #A1483XX).
- (47) Translucent white plastic (tray of #A1483XX).
- (48) Transparent plastic (velcro of clothes of #NO.39).
- (49) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (50) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).
- (51) Brown color plastic sheet (hair of brown hair girl of #NO.39).
- (52) Pale brown plastic (head of girls of #NO.39).
- (53) Pale flesh color plastic (body of girls of #NO.39).
- (54) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (55) Dull pink plastic (shoes of girls of #NO.39).
- (56) Dull brown plastic (shoes of girls of #NO.39).
- (57) White woven with multi-color printing and multi-color lurex inserted (binding of deep pink dress of doll of #A1101X1).
- (58) Silver color plated metal (zipper slider of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (59) Silver color plated metal (zipper puller of #A1465XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (60) Silver color metal (stud of #A1591XX).
- (61) Silver color metal (socket of #A1591XX).
- (62) Silver color metal (socket wire of #A1591XX).
- (63) Silver color metal excluding coatings (chassis of car of #A1645XX, #A1397XX, car body of #A1041X3, #A1204X1).
- (64) Silver color metal (axle of wheels of #A1276X8).
- (65) Silver color metal (stud of #A1483XX).
- (66) Silver color metal excluding coatings (case of #A1483XX).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (67) Silver color metal (upper part of lock of #A1483XX).
- (68) Silver color metal (lower part of lock of #A1483XX).
- (69) Silver color metal (buckle of lock of #A1483XX).
- (70) Silver color metal (buckle holder of lock of #A1483XX).

Date sample received : Nov 19, 2013
Testing period : Nov 19, 2013 to Dec 09, 2013

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>(max.)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
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>(max.)</u>
	<u>(4)</u>	<u>(5/6/7)</u>	<u>(8/9/10)</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>(max.)</u>
	<u>(11/12/13)</u>	<u>(14/15)</u>	<u>(16/17/18)</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



Test Report

Number: HKGH01577213

Tests Conducted

	<u>Result (% w/w)</u>			<u>Limit (% w/w)</u> <u>(max.)</u>
	<u>(19)</u>	<u>(20/21)</u>	<u>(22/23/24)</u>	
Dibutyl phthalate (DBP)	<0.01	0.02	<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>(max.)</u>
	<u>(25/26/27)</u>	<u>(28/29/30)</u>	<u>(31/32/33)</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	<0.01	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>(max.)</u>
	<u>(34)</u>	<u>(35/36)</u>	<u>(37)</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>(max.)</u>
	<u>(38)</u>		<u>(39)</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		<0.01	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>(max.)</u>
	<u>(40/41/42)</u>	<u>(43/44/45)</u>	<u>(46/47/48)</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



Test Report

Number: HKGH01577213

Tests Conducted

	Result (% w/w)			Limit (% w/w)
	(49/50/51)	(52/53/54)	(55/56/57)	(max.)
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

	Result (% w/w)			Limit (% w/w)
	(58/59/60)	(61)	(62)	(max.)
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

	Result (% w/w)			Limit (% w/w)
	(63)	(64)	(65)	(max.)
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	0.01	0.02	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisononyl phthalate (DINP)	<0.01	<0.01	<0.01	0.1
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1

Remark : The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

Tested Components :

- (1) Coatings on plastic (#A1079X3, #A1100X1).
- (2) Coatings on fabric (all style).
- (3) Coatings on metal (all style).
- (4) Coatings on paper label (sticker on case of #A1483XX).
- (5) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1041X3, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (6) Shiny purple plastic (zipper teeth of #A1613XX).
- (7) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (8) Shiny light blue plastic (zipper teeth of #A1089X1).
- (9) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (10) Shiny green plastic (zipper teeth of #A1289X7).
- (11) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (12) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (13) Shiny light green plastic (zipper teeth of #A1585XX).
- (14) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (15) Shiny orange plastic (zipper teeth of #A1513XX).
- (16) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).
- (17) Blue plastic (car body of #A1645XX, #A1397XX).
- (18) Black plastic (wheels of car of #A1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8, #A1204X1, #A1261X7).
- (19) Transparent plastic sheet backed with non-woven fabric (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (20) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (21) Pink elastic band (band of pocket of #A1591XX).
- (22) Black elastic band (band of pocket of #A1509XX).
- (23) Yellow elastic band (band of pocket of #A1261X7).
- (24) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (25) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (26) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).
- (27) Flesh color plastic (body of doll of #A1386X2, #A1101X1).
- (28) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (29) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (30) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).
- (31) Transparent red plastic (windshield of car of #A1639X1).
- (32) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (33) Pink plastic (horse of #A1089X1).
- (34) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).
- (35) Blue plastic sheet (hair of horse of #A1089X1).
- (36) Yellow plastic sheet (hair of horse of #A1089X1).
- (37) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (38) Dull yellow plastic (Triceratops of #A1043X2).
- (39) Dull pale green plastic (dinosaur of #A1043X2).
- (40) Dull beige plastic (alamosaurus of #A1081X4).
- (41) Dull red plastic (red triceratops of #A1081X4).
- (42) Grey plastic (megalosaurus of #A1289X7).
- (43) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (44) Transparent plastic (velcro of clothes of #NO.39).
- (45) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (46) Grey plastic (ladder of car of #A1041X3).
- (47) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (48) Transparent plastic (windshield of car of #A1041X3).
- (49) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (50) Deep grey plastic (chassis of yellow car of #A1261X7).
- (51) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (52) Dull orange plastic (handle of #A1483XX).
- (53) Translucent white plastic (tray of #A1483XX).
- (54) Pale flesh color plastic (body of girls of #NO.39).
- (55) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (56) Brown color plastic sheet (hair of brown hair girl of #NO.39).
- (57) Pale brown plastic (head of girls of #NO.39).
- (58) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (59) Dull pink plastic (shoes of girls of #NO.39).
- (60) Dull brown plastic (shoes of girls of #NO.39).
- (61) White woven with multi-color printing and multi-color lurex inserted (binding of deep pink dress of doll of #A1101X1).
- (62) Paper label excluding coatings (sticker on case of #A1483XX).
- (63) Coatings on plastic (#A1081X4).
- (64) Coatings on plastic (#A1289X7, #A1043X2).
- (65) Coatings on plastic (#A1041X3, #A1639AX1, #A1397XX, #A1645XX, #A1204X1, #A1386X2, #A1101X1, #A1089X1, #1261X7, #1276X8)

Date sample received : Nov 19, 2013 and Dec 10, 2013

Testing period : Nov 19, 2013 to Nov 25, 2013 and Dec 10, 2013 to Dec 12, 2013

12 Phthalate Content Test

By solvent extraction and Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(1)</u>	<u>(2)</u>	<u>(3)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DnHP)	<0.01	<0.01	<0.01	0.1

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(4)</u>	<u>(5/6/7)</u>	<u>(8/9/10)</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>(11/12/13)</u>	<u>(14/15)</u>	<u>(16/17/18)</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



Test Report

Number: HKGH01577213

Tests Conducted

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(19)</u>	<u>(20/21)</u>	<u>(22/23/24)</u>	
Dibutyl phthalate (DBP)	<0.01	0.02	<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>(25/26/27)</u>	<u>(28/29/30)</u>	<u>(31/32/33)</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
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>(34)</u>	<u>(35/36)</u>	<u>(37)</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>(38)</u>		<u>(39)</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
Diisodecyl phthalate (DIDP)	<0.01		<0.01	0.1
Di-n-hexyl phthalate (DnHP)	<0.01		<0.01	0.1
	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(40/41/42)</u>	<u>(43/44/45)</u>	<u>(46/47/48)</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



Test Report

Number: HKGH01577213

Tests Conducted

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u>
	<u>(49/50/51)</u>	<u>(52/53/54)</u>	<u>(55/56/57)</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>(58/59/60)</u>	<u>(61/62)</u>	<u>(63/64)</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>(65/66)</u>	<u>(67/68)</u>	<u>(69/70)</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>(71/72)</u>	<u>(73/74)</u>	<u>(75/76)</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>(77/78)</u>	<u>(79/80)</u>	<u>(81/82)</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



Test Report

Number: HKGH01577213

Tests Conducted

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(83/84/85)</u>	<u>(86/87/88)</u>	<u>(89/90/91)</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>(92/93/94)</u>	<u>(95/96/97)</u>	<u>(98/99/100)</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>(101/102/103)</u>	<u>(104/105/106)</u>	<u>(107/108/109)</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>(110/111/112)</u>	<u>(113/114/115)</u>	<u>(116/117/118)</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>(119/120/121)</u>	<u>(122)</u>	<u>(123)</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



Test Report

Number: HKGH01577213

Tests Conducted

	<u>Result (%. w/w)</u>			<u>Limit (%. w/w)</u> <u>(max.)</u>
	<u>(124)</u>	<u>(125)</u>	<u>(126)</u>	
Dibutyl phthalate (DBP)	0.03	<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>(127/128/129)</u>	<u>(130)</u>	<u>(131)</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>(132)</u>	<u>(133)</u>	<u>(134)</u>	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	0.1
Diethyl hexyl phthalate (DEHP)	0.01	0.02	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	0.1
Diisodecyl phthalate (DIDP)	<0.01	<0.01	<0.01	0.1
Di-n-hexyl phthalate (DnHP)	<0.01	<0.01	<0.01	0.1

Remark : The above limit was quoted from the consent judgment No. BG-350969 settled by superior court of the state of California for the county of Alameda, for Toys (designed for or reasonable used by children under six years of age) based on the California Proposition 65.

Tested Components :

- (1) Coatings on plastic (#A1079X3, #A1100X1).
- (2) Coatings on fabric (all style).
- (3) Coatings on metal (all style).
- (4) Coatings on paper label (sticker on case of #A1483XX).
- (5) Shiny black plastic (zipper teeth of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1081X4, #A1397XX, #A1344XX, #A1388X1, #A1041X3, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (6) Shiny purple plastic (zipper teeth of #A1613XX).
- (7) Shiny pink plastic (zipper teeth of #A1386X2, #A1101X1, #A1510XX).
- (8) Shiny light blue plastic (zipper teeth of #A1089X1).
- (9) Shiny dark blue plastic (zipper teeth of #A1433X1, #A1632XX).
- (10) Shiny green plastic (zipper teeth of #A1289X7).
- (11) Shiny deep red plastic (zipper teeth of #A1079X3, #A1100X1).
- (12) Shiny yellow plastic (zipper teeth of #A1305X1, #A1354XX).
- (13) Shiny light green plastic (zipper teeth of #A1585XX).
- (14) Shiny red plastic (zipper teeth of #A1204X1, #A1276X8).
- (15) Shiny orange plastic (zipper teeth of #A1513XX).
- (16) Shiny dark green plastic (zipper teeth of #A1043X2, #A1081X4, #A1652XX).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (17) Blue plastic (car body of #A1645XX, #A1397XX).
- (18) Black plastic (wheels of car of #A1645XX, #A1639X1, #A1397XX, #A1632XX, #A1276X8, #A1204X1, #A1261X7).
- (19) Transparent plastic sheet backed with non-woven fabric and multi-color thread (playmat of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043X2, #A1081X4, #A1289X7, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (20) Transparent plastic sheet (pocket of #A1591XX, #A1645XX, #A1613XX, #A1471XX, #A1565XX, #A1435XX, #A1261X7).
- (21) Pink elastic band (band of pocket of #A1591XX).
- (22) Black elastic band (band of pocket of #A1509XX).
- (23) Yellow elastic band (band of pocket of #A1261X7).
- (24) Pale flesh color plastic (head of doll of #A1386X2, #A1101X1).
- (25) Transparent purple plastic (windshield of car of #A1591XX, #A1397XX).
- (26) Off white plastic excluding silver color vacuum plated coating (chassis of car of #A1639X1).
- (27) Flesh color plastic (body of doll of #A1386X2, #A1101X1).
- (28) Shiny flesh color plastic (arms and legs of doll of #A1386X2, #A1101X1).
- (29) Shiny light beige plastic sheet (hair of doll of #A1386X2, #A1101X1).
- (30) Transparent elastic band (hair band of #A1386X2, #A1101X1, band of horse of #A1089X1, band of girls of #NO.39).
- (31) Transparent red plastic (windshield of car of #A1639X1).
- (32) Light black plastic (buckle of #A1386X2, #A1564XX, #A1289X7, #A1276X8).
- (33) Pink plastic (horse of #A1089X1).
- (34) Pearlized sheen plastic sheet with fabric backing (dress of doll of #A1386X2, #A1101X1).
- (35) Blue plastic sheet (hair of horse of #A1089X1).
- (36) Yellow plastic sheet (hair of horse of #A1089X1).
- (37) Silver color plastic sheet (strap of deep pink dress of doll of #A1101X1).
- (38) Dull yellow plastic (Triceratops of #A1043X2).
- (39) Dull pale green plastic (dinosaur of #A1043X2).
- (40) Dull beige plastic (alamosaurus of #A1081X4).
- (41) Dull red plastic (red triceratops of #A1081X4).
- (42) Grey plastic (megalosaurus of #A1289X7).
- (43) Shiny white plastic excluding coatings (worker and car of #A1079X3, #A1100X1).
- (44) Transparent plastic (velcro of clothes of #NO.39).
- (45) Shiny pale beige plastic sheet (hair of shiny pale beige hair girl of #NO.39).
- (46) Grey plastic (ladder of car of #A1041X3).
- (47) Dull black plastic (chassis of car of #A1041X3, #A1204X1, #A1261X7, #A1276X8).
- (48) Transparent plastic (windshield of car of #A1041X3).
- (49) Transparent brown plastic (windshield of yellow car of #A1261X7).
- (50) Deep grey plastic (chassis of yellow car of #A1261X7).
- (51) Shiny black plastic (windshield of red car of #A1261X7, #A1276X8).
- (52) Dull orange plastic (handle of #A1483XX).
- (53) Translucent white plastic (tray of #A1483XX).
- (54) Pale flesh color plastic (body of girls of #NO.39).
- (55) Shiny pale gold color plastic sheet (hair of shiny pale gold color hair girl of #NO.39).
- (56) Brown color plastic sheet (hair of brown hair girl of #NO.39).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (57) Pale brown plastic (head of girls of #NO.39).
- (58) Pale light flesh color plastic (arms and legs of girls of #NO.39).
- (59) Dull pink plastic (shoes of girls of #NO.39).
- (60) Dull brown plastic (shoes of girls of #NO.39).
- (61) Black non-woven fabric with black thread (handle and binding of playmat of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1397XX, #A1344XX, #A1388X1, #A1509XX, #A1041X3, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (62) Black string (strap of zipper of #A1465XX, #A1639X1, #A1435XX, #A1397XX, #A1509XX, #A1041X3, #A1511XX, #A1512XX, #A1651XX).
- (63) Pink non-woven fabric with pink thread (handle and binding of playmat of #A1386X2, #A1101X1, #A1510XX).
- (64) Pale blue string (strap of zipper of #A1089X1).
- (65) Pale blue non-woven fabric with pale blue thread (handle and binding of playmat of #A1089X1).
- (66) Pink string (strap of zipper of #A1101X1, #A1510XX).
- (67) Dark blue non-woven fabric with dark blue thread (handle and binding of playmat of #A1433X1, #A1632XX).
- (68) Dark blue string (strap of zipper of #A1433X1).
- (69) Dark green non-woven fabric with dark green thread (handle and binding of playmat of #A1043X2, #A1081X4, #A1652XX).
- (70) Dark green string (strap of zipper of #A1043X2, #A1081X4, #A1652XX).
- (71) Deep red non-woven fabric with deep red thread (handle and binding of playmat of #A1079X3, #A1100X1).
- (72) Deep red string (strap of zipper of #A1079X3, #A1100X1).
- (73) Yellow non-woven fabric with yellow thread (handle and binding of playmat of #A1305X1, #A1354XX, #A1344XX).
- (74) Yellow string (strap of zipper of #A1305X1, #A1354XX, #A1261X7).
- (75) Red non-woven fabric with red thread (playmat of #A1344XX, #A1585XX, #A1204X1, #A1276X8).
- (76) Light green string (strap of zipper of #A1585XX).
- (77) Blue non-woven fabric with blue thread (playmat of #A1344XX, #A1585XX).
- (78) Orange string (strap of zipper of #A1513XX).
- (79) Light green non-woven fabric with light green thread (playmat of #A1585XX).
- (80) Red string (strap of zipper of #A1204X1).
- (81) Orange non-woven fabric with orange thread (binding and handle of playmat of #A1513XX).
- (82) Black fabric (zipper tape of #A1465XX, #A1645XX, #A1639X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1397XX, #A1344XX, #A1388X1, #A1041X3, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (83) Pink fabric (zipper tape of #A1386X2, #A1101X1, #A1510XX).
- (84) Pale blue fabric (zipper tape of #A1089X1).
- (85) Dark blue fabric (zipper tape of #A1433X1, #A1632XX).
- (86) Hot purple fabric (zipper tape of #A1613XX).
- (87) Dark green fabric (zipper tape of #A1043X2, #A1081X4, #A1652XX).
- (88) Green fabric (zipper tape of #A1289X7).
- (89) Deep red fabric (zipper tape of #A1079X3, #A1100X1).
- (90) Yellow fabric (zipper tape of #A1305X1, #A1354XX).
- (91) Red fabric (zipper tape of #A1276X8, #A1204X1).
- (92) Orange fabric (zipper tape of #A1513XX).
- (93) Shiny black ribbon (bow of #A1591XX).



Test Report

Number: HKGH01577213

Tests Conducted

Tested components :

- (94) Shiny black fabric (strap of #A1591XX).
- (95) Shiny pink satin (binding of #A1591XX).
- (96) Black fabric (connector of #A1639X1, #A1471XX, #A1261X7).
- (97) Hot purple satin (strap and binding of #A1613XX, dress of #A1101X1).
- (98) Black velcro (velcro of #A1639X1, #A1435XX, #A1564XX, #A1509XX, #A1041X3, #A1261X7, #A1511XX, #A1512XX, #A1651XX).
- (99) White velcro (velcro of dresses of #A1386X2, #A1101X1, clothes of #NO.39).
- (100) Pink velcro (velcro of playmat of #A1386X2, #A1510XX).
- (101) Dark blue velcro (velcro of playmat of #A1433X1).
- (102) Light blue velcro (velcro of playmat of #A1081X4).
- (103) Red velcro (velcro of playmat of #A1079X3, #A1100X1).
- (104) Yellow velcro (velcro of playmat of #A1305X1).
- (105) Orange velcro (velcro of playmat of #A1513XX).
- (106) Dark green velcro (velcro of playmat of #A1652XX).
- (107) Pale pink satin (dress of doll of #A1386X2, #A1101X1).
- (108) Black mesh (pocket of #A1509XX).
- (109) Pink felt (ears of #A1510XX).
- (110) Black felt (ears of #A1511XX, #A1651XX).
- (111) Off white felt (ears of #A1512XX).
- (112) Orange felt (ears of #A1513XX).
- (113) Yellow felt (crown of #A1652XX).
- (114) Light aqua knit (clothes of shiny pale beige hair girl of #NO.39).
- (115) Purple knit (jeans of shiny pale beige hair girl of #NO.39).
- (116) Deep red knit (clothes of shiny pale gold hair girl of #NO.39).
- (117) Dull flesh color knit (jeans of shiny pale gold hair girl of #NO.39).
- (118) Dull pink knit (clothes of brown hair girl of #NO.39).
- (119) Dull blue knit (jeans of brown hair girl of #NO.39).
- (120) White woven excluding (white, black) coatings (sewn-in label of #A1465XX, #A1591XX, #A1645XX, #A1639X1, #A1613XX, #A1386X2, #A1089X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1081X4, #A1289X7, #A1079X3, #A1101X1, #A1305X1, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204X1, #A1261X7, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (121) Light green fabric (zipper tape of #A1585XX).
- (122) Red woven with white / pale yellow / black thread stitching (sewn-in label of #A1089X1, #A1101X1, #A1043X2, #A1081X4, #A1289X7, #A1079X3, #A1100X1, #A1041X3, #A1585XX, #A1204X1, #A1276X8, #A1510XX, #A1511XX, #A1512XX, #A1513XX, #A1651XX, #A1652XX).
- (123) White woven with deep blue / red / yellow / black thread stitching (sewn-in label of #A1433X1).
- (124) White woven with deep green / red / yellow / black thread stitching (sewn-in label of #A1471XX, #A1565XX, #A1435XX).
- (125) Blue woven with orange thread stitching (sewn-in label of #A1564XX).
- (126) White woven with multi-color printing and multi-color lurex inserted (binding of deep pink dress of doll of #A1101X1).
- (127) Black webbing (handle of #A1471XX, #A1261X7).
- (128) Green webbing (binding of #A1289X7).
- (129) Deep green webbing (strap of #A1289X7).
- (130) Paper label excluding coatings (sticker on case of #A1483XX).





Valued Quality. Delivered.

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: HKGH01577213

Tests Conducted

Tested components :

- (131) Grey paper board (inner board of #A1465XX, #A1591XX, #A1645XX, #A1639x1, #A1613XX, #A1386x2, #A1089X1, #A1101X1, #A1433X1, #A1471XX, #A1565XX, #A1435XX, #A1564XX, #A1043x2, #A1081X4, #A1397XX, #A1079X3, #A1100X1, #A1305X1, #A1344XX, #A1354XX, #A1388X1, #A1509XX, #A1632XX, #A1041X3, #A1585XX, #A1204x1, #A1261X7) (internal).
- (132) Coatings on plastic (#A1081X4).
- (133) Coatings on plastic (#A1289X7, #A1043X2).
- (134) Coatings on plastic (#A1041X3, #A1639AX1, #A1397XX, #A1645XX, #A1204X1, #A1386X2, #A1101X1, #A1089X1, #1261X7, #1276X8)

Date sample received : Nov 19, 2013 and Dec 10, 2013

Testing period : Nov 19, 2013 to Nov 25, 2013 and Dec 10, 2013 to Dec 12, 2013

End of report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the Review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct.

