



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: HKGH01145362

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

Date: May 05, 2011

Sample Description:

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

Item Name : **A1466XX Barbie Clutch**
: **A1479XX Barbie Winter Bag**
Labelled Age Group : "3+"
Packaging Provided : Yes
Vendor : Takepoint
Country of Origin : China



Tests conducted:

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

To be continued

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

Karen S.C. Ng
General Manager





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Conclusion:

<u>Tested samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	Australian / New Zealand Standard AS/NZS ISO 8124-1:2010 safety aspects related to mechanical and physical properties	Pass
	Australian / New Zealand Standard AS/NZS ISO 8124-2:2009 for flammability test	Pass
Tested components of submitted samples	International Standard ISO 8124-3 : 2010 for toxic elements test	Pass

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

Karen S.C. Ng
General Manager



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Tests Conducted

1 Physical And Mechanical Tests

As per the Australian / New Zealand Standard AS/NZS ISO 8124-1:2010 safety aspects related to mechanical and physical properties.

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

The submitted samples were undergone the normal use and the following reasonable foreseeable abuse tests in accordance with the clause 5.24 of AS/NZS ISO 8124-1 : 2010 before the assessment of the relevant requirement in clause 4 :

<u>Clause</u>	<u>Test</u>	<u>Parameter</u>
5.24.2	Drop test	4x93±5cm
5.24.5	Torque test	0.45±0.02Nm
5.24.6	Tension test	70±2N
5.24.7	Compression test	136±2N

<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.1	Normal use	P
4.2	Reasonably foreseeable abuse	P
4.3	Material	P
4.4.1	Small parts	NA
4.4.2	Small part warning	NA
4.5	Shape, size and strength of certain toys	NA
4.6	Edges	P
4.7	Points	P
4.8	Projections	NA
4.9	Metal wires and rods	NA
4.10	Plastic film or plastic bags in packaging and in toys	NA
4.11	Cords and elastic	NA
4.12	Folding mechanisms	NA
4.13	Holes, clearances and accessibility of mechanisms	NA
4.14	Springs	NA
4.15	Stability and overload requirement	NA
4.16	Enclosures	NA
4.17	Simulated protective equipment, such as helmets, hats and goggles	NA
4.18	Projectile toys	NA
4.19	Aquatic toys	NA
4.20	Braking	NA
4.21	Toy bicycles	NA
4.22	Speed limitation of electrically driven ride-on toys	NA
4.23	Toys containing a heat source	NA
4.24	Liquid-filled toys	NA



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<u>Section</u>	<u>Testing items</u>	<u>Assessment</u>
4.25	Mouth-actuated toys	NA
4.26	Toy roller skates, toy inline skates and toy skateboards	NA
4.27	Percussion caps	NA
4.28	Acoustic requirements	NA
4.29	Toy scooters	NA
4.30	Magnets	NA
Annex B	Safety labeling guidelines and manufacturer's markings	P
Annex D	Toy gun marking	NA

Remark : P = Pass NA = Not applicable

Date sample received : Apr 26, 2011
 Testing period : Apr 26, 2011 to May 03, 2011

2 Flammability Test

As per the Australian / New Zealand Standard AS/NZS ISO 8124-2:2009.

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

Remark : P = Pass NA = Not applicable

* = The test result on surface flash flammability test on pile fabric shall refer to the corresponding test item in this report.

Additional Information : Butane gas was used in the test burner.

Date sample received : Apr 26, 2011
 Testing period : Apr 26, 2011 to May 03, 2011



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Tests Conducted

3 Surface Flash Flammability Test on 8mm plush

As per the Australian / New Zealand Standard AS/NZS ISO 8124-2:2009 Clause 4.1. Test method refer to ISO6941:2003 and EN1103:2005.

Result : Pass

Date sample received : Apr 26, 2011

Testing period : Apr 26, 2011 to Apr 29, 2011

4 Toxic Elements Analysis

As per International Standard ISO 8124-3: 2010, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

	(1)	(3)	<u>Result in mg/kg</u>			<u>Limit</u>
	(2)	(4)	(5)	(6)	(7)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

	(7)	(8)	<u>Result in mg/kg</u>			<u>Limit</u>
	(9)	(10)	(11)	(12)	(13)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	25

	(12)	(13)	(14)	<u>Limit</u>
	(15)	(16)	(17)	mg/kg
Sol. Barium (Ba)	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	25

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



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Tests Conducted

Tested components :

- (1) Coatings (black/white) m woven (sewn-in label).
- (2)@ White coating on satin (Barbie logo).
- (3) Transparent plastic (small bag).
- (4) Purple elastic band (small bag).
- (5) Transparent plastic sheet with inaccessible coatings and backing (small/big bags).
- (6) Transparent purple plastic (zipper teeth).
- (7) White embroidery thread (badge).
- (8) Purple embroidery thread (badge).
- (9) Purple satin (cover of small bag) with purple thread.
- (10) White woven excluding black/white coatings (sewn-in label).
- (11) Purple webbing with dark pink thread (edge of zipper).
- (12) Purple fabric (zipper tape).
- (13) Purple ribbon (big bag).
- (14) 7mm white plush (big bag).

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

Date sample received : Apr 26, 2011

Testing period : Apr 26, 2011 to May 03, 2011

End of report

