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Hong Kong Association for Testing, Inspection and Certification Limited
Hong Kong Toys Council

Test Report

Number: HKGH0178172702

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

Date: Apr 24, 2015

Submitted sample said to be :
Item Name : (1)Neat-Oh!® Dinosaur Stompin' Grounds™ - Lava Lair
(2)Neat-Oh!® Dinosaur Stompin' Grounds™ - Skeleton Swamp
(3)Neat-Oh!® Dinosaur Stompin' Grounds™ - Terrible Tar Pit
(4)Neat-Oh!® Dinosaur Stompin' Grounds™ - Lurking Lagoon
Item No. : (1) A2118XX
(2) A2119XX
(3) A2120XX
(4) A2121XX
Quantity : 96 pieces
Labelled Age Warning : "Warning - Choking Hazard - Small part. Not for children under 3 yrs"
Packaging Provided : Yes
Country of Origin : China



To be continued

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



Angel Y.F. Cheung
Vice President



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Conclusion:

The submitted sample was tested under the following requirements requested by the applicant, subject to the information stated in the remark and attached page(s) for details :

<u>Requirement</u>	<u>Result</u>
(1) AS/NZS ISO 8124-1:2013 - Mechanical and physical tests	Pass
(2) Australian / New Zealand Standard AS/NZS ISO 8124-2:2009 - Flammability test	Pass
(3) AS/NZS ISO 8124-3:2003 (Australian Trade Practice Act 1974 with Consumer Protection Notice no. 1, 2009 - Consumer Product Safety Standard for Lead and certain elements in children's toys.) - Toxic elements test	Pass
Australian Customs Notice no. 2007/46 - amendments to the Customs (Prohibited Imports) Regulations 1956 Schedule 2 Item 2 - Toxic elements test	Pass
AS/NZS ISO 8124-3:2012 - Toxic elements test	Pass
(4) AS/NZS ISO 8124-2:2009 Clause 4.1 - Flash Point Test	See details enclosed

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

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(1) Physical And Mechanical Tests

Test Standard : Australian / New Zealand Standard AS/NZS ISO 8124-1:2013 Safety aspects related to mechanical and physical properties.

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 : 2013 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

Section	Testing items	Assessment
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
4.25	Mouth-actuated toys	NA



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Section	Testing items	Assessment
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 and magnetic components	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 13, 2015
Testing period : Apr 13, 2015 to Apr 17, 2015

(2) Flammability Test

Test Standard : Australian / New Zealand Standard AS/NZS ISO 8124-2:2009.

Clause	Testing Items	Assessment
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 results of flammability test on liquid shall refer to the corresponding test item in this report.

The liquid of tested components was not considered to be an extremely flammable, highly flammable or flammable substance.

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

Date sample received : Apr 13, 2015
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(3) Toxic Elements Analysis

Test Method : Australian / New Zealand Standard AS/NZS ISO 8124-3:2003 and AS/NZS ISO 8124-3:2012, acid extraction method was used and toxic elements content were determined by Inductively Coupled Argon Plasma Spectrometry.

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

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

	Result in mg/kg						Limit mg/kg
	(13)	(14)	(15)	(16)	(17)	(18)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

	Result in mg/kg						Limit mg/kg
	(19)	(20)	(21)	(22)	(23)	(24)	
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

Sol. = Soluble
mg/kg = milligram per kilogram



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Tested Components :

- (1) Coatings (green, white, black, brown) on plastic (base of Skeleton Swamp style).
- (2) Coatings (orange, black, brown) on plastic (base of Lava lair style).
- (3) Coatings (white, black, brown, red) on plastic (base of Terrible Tar Pit style).
- (4) Coatings (dark green, blue, brown) on plastic (base of Lurking Lagoon style).
- (5) Dull green coating on plastic (hole of Lava Lair style).
- (6) Dull light red coating on plastic (mouth of Terrible Tar Pit).
- (7) Coatings (deep green, light green, dark brown, black) on plastic (dark green Dinosaur of Skeleton Swamp style).
- (8) Coatings (green, black, brown, pink) on plastic (green Dinosaur of Lava Lair style).
- (9) Coatings (dark grey, black, dark brown, white) on plastic (dark grey Dinosaur of Terrible Tar Pit).
- (10) Coatings on plastic (black Dinosaur of Lurking Lagoon).
- (11) Paper label with coatings (sticker).
- (12) Dark green plastic (grasses of Lurking Lagoon style).
- (13) White plastic (mouth of Skeleton Swamp style).
- (14) Dark brown plastic (hole of Lava Lair style).
- (15) Pale grey plastic (skeleton of Skeleton Swamp style).
- (16) Translucent plastic (container).
- (17) Dark grey plastic (dark green Dinosaur of Skeleton Swamp style).
- (18) Orange plastic (green Dinosaur of Lava Lair style).
- (19) Grey plastic (dark grey Dinosaur of Terrible Tar Pit).
- (20) Light grey plastic (black Dinosaur of Lurking Lagoon).
- (21) Green slime.
- (22) Red slime.
- (23) Black slime.
- (24) Blue slime.

Date sample received : Apr 13, 2015

Testing period : Apr 13, 2015 to Apr 18, 2015





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(4) Flash Point Test

Test method: EN ISO 3679:2004 Determination of flash point by rapid equilibrium closed cup method.

Tested Component	Result (Flashpoint)
(1) Red gel	Above 55°C
(2) Blue gel	Above 55°C
(3) Black gel	Above 55°C
(4) Green gel	Above 55°C

Results:

As per Australian / New Zealand Standard of Safety of Toy AS/NZS ISO 8124-2:2009 for flammability with test method according to EN ISO 3679:2004, the liquid are not considered to be a highly flammable or flammable substance.

Remark : As per AS/NZS ISO 8124-2:2009, the definitions of flammable liquid are as follows:

Flashpoint	Substance to be considered as
Below 21°C	Highly flammable
Above 21°C, up to and including 55°C	Flammable

Date sample received : Apr 13, 2015

Testing period : Apr 13, 2015 to Apr 17, 2015

End of report

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