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Hong Kong Government Recognized Service Supplier
Approved Laboratory of The Woolmark Company

Members of :

American National Standards Institute
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British Standards Institute

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

Test Report

Number: HKGH01667665

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

Date: Jul 17, 2014

Submitted sample said to be :

- Item Name : **Everyday Princess Buddy and Dottie & Bean Bag Bed**
- Reference No. : A1841XX
- Quantity : 5 sets
- Labelled Age Group : "3+"
- Packaging Provided : Yes
- Manufacturer : Doll Dak Ind. Ltd. (Lee Lin Tat Toys Shenzhen Ltd.)
- 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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Test Report

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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) EN71-1 : 2011 + A3 : 2014 - Mechanical and physical properties	Pass
(2) EN71-2 : 2011 + A1:2014 - Flammability test	Pass
(3) EN71-3 : 1994 and amendment A1 : 2000 and AC : 2002 - Toxic elements test	Pass
(4) EN71-3 : 2013 - Migration of certain elements	Pass
(5) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 835/2012 - Cadmium content requirement	Pass
(6) REACH Regulation (EC) no. 1907/2006, Annex XVII Items 51 & 52 & amendment no. 552/2009 (formerly known as Directive 2005/84/EC) - Phthalates content	Pass
(7) REACH Regulation (EC) no. 1907/2006, Annex XVII Item 43 & amendment no. 552/2009 and 126/2013 (formerly known as Directive 2002/61/EC) - Azocolourants content requirement	Pass

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

Angel Y.F. Cheung
Vice President



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Number: HKGH01667665

Tests Conducted

(1) Mechanical and Physical Test

Test standard: European Standard on Safety of toys EN71-1 : 2011 + A3 : 2014

Age group for testing : Ages over 3 years.

Clause	Testing items	Assessment
4	General requirements	
4.1	Material	P
4.2	Assembly	NA
4.3	Flexible plastic sheeting	NA
4.4	Toy bags	NA
4.5	Glass	NA
4.6	Expanding materials	NA
4.7	Edges	P
4.8	Points and metallic wires	P
4.9	Protruding parts	NA
4.10	Parts moving against each other	NA
4.11	Mouth actuated toys and other toys intended to be put in the mouth	NA
4.12	Balloons	NA
4.13	Cords of toy kites and other flying toys	NA
4.14	Enclosures	NA
4.15	Toys intended to bear the mass of a child	NA
4.16	Heavy immobile toys	NA
4.17	Projectiles	NA
4.18	Aquatic toys and inflatable toys	NA
4.19	Percussion caps specifically designed for use in toys and toys using percussion caps	NA
4.20	Acoustics	NA
4.21	Toys containing non-electrical heat source	NA
4.22	Small balls	NA
4.23	Magnets	NA
4.24	Yo-yo balls	NA
4.25	Toys attached to food	NA
5	Toys intended for children under 36 months	
5.1	General requirements for children under 36 months	NA
5.2	Soft-filled toys and soft-filled parts of a toy	NA
5.3	Plastic sheeting	NA
5.4	Cords, chains and electrical cables in toys	NA
5.5	Liquid filled toys	NA
5.6	Speed limitation of electrically-driven ride-on toys	NA
5.7	Glass and porcelain	NA
5.8	Shape and size of certain toys	NA





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Test Report

Number: HKGH01667665

Tests Conducted

Clause	Testing items	Assessment
5.9	Toys comprising monofilament fibres	NA
5.10	Small balls	NA
5.11	Play figures	NA
5.12	Hemispheric-shaped toys	NA
5.13	Suction cups	NA
5.14	Straps intended to be worn fully or partially around the neck	NA
6	Packaging	NA
7	Warnings, markings and instructions for use	
7.1	General	P
7.2	Toys not intended for children under 36 months	P#
7.3	Latex balloons	NA
7.4	Aquatic toys	NA
7.5	Functional toys	NA
7.6	Hazardous sharp functional edges and points	NA
7.7	Projectiles	NA
7.8	Imitation protective masks and helmets	NA
7.9	Toy kites	NA
7.10	Roller skates, inlineskates and skateboards and certain other ride-on toys	NA
7.11	Toys intended to be attached to strung across a cradle, cot, or perambulator	NA
7.12	Liquid-filled teethers	NA
7.13	Percussion caps specifically designed for use in toys	NA
7.14	Acoustics	NA
7.15	Toy bicycles	NA
7.16	Toys intended to bear the mass of a child	NA
7.17	Toys comprising monofilament fibres	NA
7.18	Toy scooters	NA
7.19	Rocking horses and similar toys	NA
7.20	Magnetic/electrical experimental sets	NA
7.21	Toys with electrical cables exceeding 300 mm in length	NA
7.22	Toys with cords or chains intended for children of 18 months and over but under 36 months	NA

Remark : P = Pass

NA = Not Applicable

= Age warning statement, graphical symbol and the indication of hazard was found on the packaging.



Test Report

Number: HKGH01667665

Tests Conducted

(3) Toxic Elements Analysis

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

	Result in mg/kg							Limit mg/kg
	(1)	(3)	(5)	(6)	(7)	(8)	(9)	
Sol. Barium (Ba)	<5	<5	<5	<5	<5	<5	<5	1000
Sol. Lead (Pb)	<5	<5	<5	<5	<5	<5	<5	90
Sol. Cadmium (Cd)	<5	<5	<5	<5	<5	<5	<5	75
Sol. Antimony (Sb)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Selenium (Se)	<5	<5	<5	<5	<5	<5	<5	500
Sol. Chromium (Cr)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Mercury (Hg)	<5	<5	<5	<5	<5	<5	<5	60
Sol. Arsenic (As)	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25

Sol. = Soluble
mg/kg = milligram per kilogram

Tested Components :

- (1) Coatings (purple, white) on plastic (ears of dog).
- (2) @ Black coating on plastic (nose & eyes).
- (3) Coatings (green, white) on plastic (ears of dog).
- (4) @ Purple coating on fabric (cushion).
- (5) Brown plastic (dog).
- (6) Pink elastic band (strap).
- (7) White plastic (bone).
- (8) Light pink plastic (bowl).
- (9) Pink brushed knit with pink thread (cushion).

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

Date sample received : Jun 20, 2014
Testing period : Jun 20, 2014 to Jun 25, 2014



Test Report

Number: HKGH01667665

Tests Conducted

(4) 19 Toxic Element Migration Test

Test Standard : EN71-3:2013

Category (III): Scraped-off toy material

Element	Result (mg/kg)				Limit (mg/kg)
	(1)	(3)	(5)	(6)	
Aluminium (Al)	< 300	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	<10	<10	<10	<10	460
Chromium (VI) (Cr VI) **	< 0.1	< 0.1	< 0.1	< 0.1	0.2
Cobalt (Co)	< 10	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	< 10	180000
Organic tin **	< 2.0	< 2.0	< 2.0	< 2.0	12
Zinc (Zn)	< 100	< 100	< 100	670	46000

Element	Result (mg/kg)			Limit (mg/kg)
	(7)	(8)	(9)	
Aluminium (Al)	< 300	< 300	< 300	70000
Antimony (Sb)	< 10	< 10	< 10	560
Arsenic (As)	< 10	< 10	< 10	47
Barium (Ba)	< 10	< 10	< 10	18750
Boron (B)	< 50	< 50	< 50	15000
Cadmium (Cd)	< 5	< 5	< 5	17
Chromium (III) (Cr III) **	<10	<10	<10	460
Chromium (VI) (Cr VI) **	< 0.1	< 0.1	< 0.1	0.2
Cobalt (Co)	< 10	< 10	< 10	130
Copper (Cu)	< 10	< 10	< 10	7700
Lead (Pb)	< 10	< 10	< 10	160
Manganese (Mn)	< 10	< 10	< 10	15000
Mercury (Hg)	< 10	< 10	< 10	94
Nickel (Ni)	< 10	< 10	< 10	930
Selenium (Se)	< 10	< 10	< 10	460
Strontium (Sr)	< 100	< 100	< 100	56000
Tin (Sn)	< 10	< 10	< 10	180000
Organic tin **	< 2.0	< 2.0	< 2.0	12
Zinc (Zn)	< 100	< 100	< 100	46000





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Number: HKGH01667665

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Remark : mg/kg = milligram per kilogram

** = Unless the test results were marked with "#" or "Δ", Chromium (III) & Chromium (VI) and Organic tin contents were not directly determined and were derived from migration results of total chromium and tin respectively.

- Organic tin test result was expressed as tributyl tin.

- As per General Court of the European Union Judgment in Case T-198/12 dated 14 May 2014, the General Court confirmed that Germany could maintain its limit value for Lead(Pb)(90mg/kg) in toys but not for Antimony (Sb), Arsenic (As), Mercury (Hg) and Barium (Ba).

Tested Components :

- (1) Coatings (purple, white) on plastic (ears of dog).
- (2) @ Black coating on plastic (nose & eyes).
- (3) Coatings (green, white) on plastic (ears of dog).
- (4) @ Purple coating on fabric (cushion).
- (5) Brown plastic (dog).
- (6) Pink elastic band (strap).
- (7) White plastic (bone).
- (8) Light pink plastic (bowl).
- (9) Pink brushed knit with pink thread (cushion).

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

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Testing period : Jun 20, 2014 to Jun 25, 2014



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(5) Cadmium (Cd) Content

Test Method : Cadmium content requirement in Commission Regulation (EU) No. 835/2012 amending Annex XVII Item 23 of the REACH Regulation (EC) No. 1907/2006, acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %
(1/2)	ND
(3/4)	ND
(5)	ND
(6)	ND

Limit:

Category	Limit (%)
Wet paint	Not permitted
Surface coating	0.1
Plastic	0.01
Metal parts of jewelry & hair accessories	0.01

ND = Not detected (< 0.0005%)

Tested Components :

- (1) Brown plastic (dog).
- (2) Pink elastic band (strap).
- (3) White plastic (bone).
- (4) Light pink plastic (bowl).
- (5) Pink brushed knit with purple coating (cushion).
- (6) Coatings on plastic (dog).

Date sample received : Jun 20, 2014

Testing period : Jun 20, 2014 to Jun 25, 2014



Test Report

Number: HKGH01667665

Tests Conducted

(6) Phthalate Content Test

Test Method : EN14372, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Compound	Result (% w/w)			Limit (% w/w) (max.)
	(1)	(2)	(3/4)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1

Di-iso-nonyl phthalate (DINP)	<0.01	<0.01	<0.01	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	<0.01	--
Di-iso-decyl phthalate (DIDP)	<0.01	<0.01	<0.01	--
Sum of DINP,DnOP & DIDP	<0.01	<0.01	<0.01	0.1

Compound	Result (% w/w)			Limit (% w/w) (max.)
	(5/6)	(7)	(8)	
Dibutyl phthalate (DBP)	<0.01	<0.01	<0.01	--
Diethyl hexyl phthalate (DEHP)	<0.01	<0.01	<0.01	--
Benzyl butyl phthalate (BBP)	<0.01	<0.01	<0.01	--
Sum of DBP,DEHP & BBP	<0.01	<0.01	<0.01	0.1

Di-iso-nonyl phthalate (DINP)	<0.01	<0.01	--	--
Di-n-octyl phthalate (DnOP)	<0.01	<0.01	--	--
Di-iso-decyl phthalate (DIDP)	<0.01	<0.01	--	--
Sum of DINP,DnOP & DIDP	<0.01	<0.01	--	0.1

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

Tested components :

- (1) Coatings (black, purple, green, white) on plastic (dogs).
- (2) Purple coating on fabric (cushion).
- (3) Brown plastic (dog).
- (4) Pink elastic band (strap).
- (5) White plastic (bone).
- (6) Light pink plastic (bowl).
- (7) Pink brushed knit with pink thread (cushion).
- (8) White stuffing material (cushion).

Date sample received : Jun 20, 2014 and Jun 24, 2014

Testing period : Jun 20, 2014 to Jun 26, 2014



Test Report

Number: HKGH01667665

Tests Conducted

(7) Detection Of Amines Derived From Azocolourants and Azodyes

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

Test Standard : EN 14362-1 : 2012 for Textile Material
EN ISO 17234-1: 2010 for Leather Material
EN 14362-3 : 2012 & EN ISO 17234-2: 2011 for p-Aminoazobenzene

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

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

Tested components :

- (1) Purple coated pink brushed knit (cushion).
- (2) Pink brushed knit (cushion).

Date sample received : Jun 20, 2014
Testing period : Jun 20, 2014 to Jun 27, 2014

End of report

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