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

Test Report

Number: HKGH02073074

Applicant: KIDS STUFF LIMITED
RM 1201 MIRROR TOWER
61 MODY RD
TSIM SHA TSUI EAST KLN
HK
Attn: LIAM

Date: Jan 13, 2017

Submitted sample said to be :
Item Name : **The Original Cuddle Coat 3-6**
Item No. : **100600**
Quantity : 4 pieces
Labelled Age Group : "3-6 MONTHS" & "6-12 MONTHS"
Packaging Provided : Yes
Vendor : YM



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) U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in non-surface coating materials (substrate)	Pass
(2) U.S. CFR Title 16 (CPSC Regulations) - Part 1303 - Total Lead content in surface coating	Not Applicable
U.S. Consumer Product Safety Improvement Act 2008 Title I Section 101 - Total Lead content in surface coating	Not Applicable
(3) ASTM F963-11 - Section 8.5.1 machine washing	Pass
(4) REACH Regulation (EC) No.1907/2006 , Annex XVII Item 23 & amendment No. 2016/217 - Cadmium content requirement	Pass
(5) 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
(6) Australian / New Zealand Standard AS/NZS 8124-1 : 2016 section 5.23 - Machine Washing	Pass
(7) DIN 53160-1:2010 - Resistance to artificial saliva	See details enclosed
(8) DIN 53160-2:2010 - Resistance to artificial sweat	See details enclosed
(9) ASTM F963-11 - Flammability test on textile materials	Pass
(10) Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 32 - Flammability test	Pass



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(1) Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

Test Method : Standard Operating Procedures for Determining Total Lead (Pb) in Children's Products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001.08.3, analysed by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in ppm	Limit in ppm
(1)	<20	100
(2)	<20	100
(3)	<20	100

ppm = parts per million = mg/kg

Tested Components:

- (1) White satin with gold color printing (sewn-in label).
- (2) White elastic band (top of carrot) (internal).
- (3) White plastic (rattle box) (internal).

Date sample received : Jan 06, 2017
Testing period : Jan 06, 2017 to Jan 10, 2017

(2) Total Lead (Pb) Content in Surface Coating

Test Method : Standard Operating Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings, test method CPSC-CH-E1003-09.1, analysed by Inductively Coupled Argon Plasma Spectrometry.

Assessment : Since no scrapable surface coating was found on the submitted samples, the testing scope of CPSIA for total Lead content test was not applicable to the submitted samples.

Date sample received : Jan 06, 2017
Testing period : Jan 06, 2017 to Jan 10, 2017

(3) Machine Washing

Test Standard : Section 8.5.1 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11.

Age group for testing : For All Ages

Observation: After washing, neither sharp point, sharp edge nor released small parts was found on the submitted samples.

Date sample received : Jan 06, 2017
Testing period : Jan 06, 2017 to Jan 10, 2017



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(4) Cadmium (Cd) Content

Test Method : Acid digestion method was used and total Cadmium content was determined by Inductively Coupled Argon Plasma Spectrometry.

Tested Component	Result in %, w/w	Limit in %, w/w
(1)	ND	0.01
(2)	ND	0.01
(3)	ND	0.01

ND : Not detected (< 0.0005%)

Tested Components:

- (1) White elastic band (top of carrot) (internal).
- (2) White plastic (rattle box) (internal).
- (3) Transparent plastic (bead of rattle box) (internal).

Date sample received : Jan 06, 2017
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(5) 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.

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 (ppm)		Limit (ppm)
			(1)	(2)	
1	4-Aminodiphenyl	92-67-1	N	N	30
2	Benzidine	92-87-5	N	N	30
3	4-Chloro-o-toluidine	95-69-2	N	N	30
4	2-Naphthylamine	91-59-8	N	N	30
5	o-Aminoazotoluene	97-56-3	N	N	30
6	2-Amino-4-nitrotoluene	99-55-8	N	N	30
7	p-Chloroaniline	106-47-8	N	N	30
8	2,4-Diaminoanisole	615-05-4	N	N	30
9	4,4'-Diaminodiphenylmethane	101-77-9	N	N	30
10	3,3'-Dichlorobenzidine	91-94-1	N	N	30
11	3,3'-Dimethoxybenzidine	119-90-4	N	N	30
12	3,3'-Dimethylbenzidine	119-93-7	N	N	30
13	3,3'-Dimethyl-4,4'diaminodiphenylmethane	838-88-0	N	N	30
14	p-Cresidine	120-71-8	N	N	30
15	4,4'-Methylene-bis(2-chloroaniline)	101-14-4	N	N	30
16	4,4'-Oxydianiline	101-80-4	N	N	30
17	4,4'-Thiodianiline	139-65-1	N	N	30
18	o-Toluidine	95-53-4	N	N	30
19	2,4-Toluylenediamine	95-80-7	N	N	30
20	2,4,5-Trimethylaniline	137-17-7	N	N	30
21	o-Anisidine	90-04-0	N	N	30
22	p-Aminoazobenzene	60-09-3	N	N	30

N = Not detected

Detection limit = 5 ppm

Requirement = 30 ppm (max.)

ppm = parts per million = mg/kg

Tested Components:

- (1) 15mm ivory plush (body of coat).
- (2) Shiny light pink satin with orange/ green embroidery thread (lining, ears of hat, strap of coat).

Date sample received : Jan 06, 2017

Testing period : Jan 06, 2017 to Jan 12, 2017



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(6) Machine Washing

Test Standard : Section 5.23 of the Australian/New Zealand Standard AS/NZS 8124-1 : 2016.

No hazard was generated as a result of the test.

Date sample received : Jan 06, 2017
Testing period : Jan 06, 2017 to Jan 10, 2017

(7) Resistance to Artificial Saliva

Test Standard : Standard for determination of colour release of daily use articles DIN 53160-1:2010

<u>Tested Component</u>	<u>Colour Staining on Test Filter Paper</u>	<u>Grey Scale Grading</u>
(1)	NIL	5
(2)	NIL	5
(3)	NIL	5
(4)	NIL	5
(5)	NIL	5
(6)	NIL	5
(7)	NIL	5

Remark: Evaluating against ISO Grey Scale for Staining.
NIL = No staining was observed.

- Tested components:
- (1) 10mm white plush (body).
 - (2) Pink satin with green, orange embroidery threads (body).
 - (3) Grey knit (carrot).
 - (4) Orange short pile plush (carrot).
 - (5) Blue woven with multi-color threads (label).
 - (6) Pink woven with dark pink, green, orange printing (label).
 - (7) White satin with gold color coating (label).

Date sample received : Jan 06, 2017
Testing period : Jan 06, 2017 to Jan 10, 2017



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(8) Resistance to Artificial Sweat

Test Standard : Standard for determination of colour release of daily use articles DIN 53160-2:2010

<u>Tested Component</u>	<u>Colour Staining on Test Filter Paper</u>	<u>Grey Scale Grading</u>
(1)	NIL	5
(2)	NIL	5
(3)	NIL	5
(4)	NIL	5
(5)	NIL	5
(6)	NIL	5
(7)	NIL	5

Remark: Evaluating against ISO Grey Scale for Staining.
 NIL = No staining was observed.

Tested components:

- (1) 10mm white plush (body).
- (2) Pink satin with green, orange embroidery threads (body).
- (3) Grey knit (carrot).
- (4) Orange short pile plush (carrot).
- (5) Blue woven with multi-color threads (label).
- (6) Pink woven with dark pink, green, orange printing (label).
- (7) White satin with gold color coating (label).

Date sample received : Jan 06, 2017
 Testing period : Jan 06, 2017 to Jan 10, 2017

(9) Flammability Test on textile materials

Test Standard : Section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11

All fabric samples were tested and passed the requirements.

Tested components:

- (1) 10mm plush/ satin.
- (2) Satin.

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(10) Flammability Test

Test Standard : Canada Consumer Product Safety Act Toys Regulations SOR/2011-17 Section 32

All samples were tested and passed the requirements.

Tested components:

- (1) 10mm plush/ satin.
- (2) Satin.

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Testing period : Jan 06, 2017 to Jan 10, 2017





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Sharp edge test

With reference to the section 4.7 of ASTM F963-16, the submitted sample was assessed for any sharpedge in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the the section 4.9 of ASTM F963-16, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference to the clause 4.6 of the ASTM Standard Consumer Safety Specification on Toy safety F963-16. The submitted sample was assessed for small part in as-received state.

Age group for testing: All Ages

Number of samples tested: One (1) piece

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: One (1) piece

Findings: No drawstring was found on the submitted sample.

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Testing period: Jan 06, 2017 to Jan 10, 2017





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Sharp edge test

With reference to the Test Methods Section, Method M-00.2 (Sharp Edges) of Canada Consumer Products Safety Act. SOR/2011-17 and amendment SOR/2016-195, the submitted sample was assessed for any sharp edge in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the Test Methods Section, Method M-00.3 (Sharp Points) of Canada Consumer Products Safety Act. SOR/2011-17 and amendment SOR/2016-195, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference to the Test Methods Section, Method M-00.1 (Small components) of Canada Consumer Products Safety Act. SOR/2011-17 and amendment SOR/2016-195. The submitted sample was assessed for small part in as-received state.

Age group for testing: All Ages

Number of samples tested: One (1) piece

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: One (1) piece

Findings: No drawstring was found on the submitted sample.

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Sharp edge test

With reference to the section 4.6 of Australian / New Zealand Standard on Toy Safety AS/NZS 8124-1: 2016, the submitted sample was assessed for any sharp edge in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the the section 4.7 of Australian / New Zealand Standard on Toy Safety AS/NZS 8124-1 : 2016, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference to the the section 4.4 of Australian / New Zealand Standard on Toy Safety AS/NZS 8124-1 : 2016, The submitted sample was assessed for small part in as-received state.

Age group for testing: All Ages

Number of samples tested: One (1) piece

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: One (1) piece

Findings: No drawstring was found on the submitted sample.

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Sharp edge test

With reference to the clause 4.7 of European Standard on Safety of Toys EN71-1:2014, the submitted sample was assessed for any sharp edge in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp edge was found on the submitted sample.

Sharp point test

With reference to the the clause 4.8 of European Standard on Safety of Toys EN71-1:2014, the submitted sample was assessed for any sharp point in as-received state.

No. of samples tested : One (1) piece

Result : As received, no sharp point was found on the submitted sample.

Small Part Assessment

With reference the clause 5.1 of European Standard on Safety of Toys EN71-1:2014. The submitted sample was assessed for small part in as-received state.

Age group for testing: All Ages

Number of samples tested: One (1) piece

Result : As received, no small part was found on the submitted sample.

Drawstring Assessment

The submitted sample was assessed for any drawstring in as-received state.

Number of samples tested: One (1) piece

Findings: No drawstring was found on the submitted sample.

Date sample received: Jan 06, 2017

Testing period: Jan 06, 2017 to Jan 10, 2017

End of report

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