



Test Report

No.: RSZ0905051907E

Date: May 11, 2009

Page 1 of 7

Customer : Carl R.Sams II Photograpy, Inc

Address : 361 Whispering Pines, Miford,MI48380

Report on the submitted samples said to be

Sample Name : PLUSH DOLL

Buyer : Carl R.Sams II Photograpy, Inc

Supplier : Impax Limited-Supplier

Manufacturer : Chief-Yacht Soft Toys Manufacture Co.

Test Age Request : For children 3 and over

Tested Age Grading : 36 months and up.

Sample Receiving Date : May 5, 2009

Testing Period : From May 5, 2009 to May 11, 2009

Test Requested : A. As specified by client, to determine the submitted sample(s) in accordance with the ASTM standard consumer safety specification on Safety of Toys, F963-08:
1. Mechanical and Physical Tests
2. Flammability Test

B. As specified by client, to determine the submitted sample(s) in accordance with the Canadian Hazardous Products (Toys) Regulations C.R.C.,c.931
1. Mechanical and Physical Tests
2. Flammability Test
3. Paint Toxicity

C. As specified by client, to determine the submitted sample(s) in accordance with H.R. 4040, the "Consumer Products Safety Improvement Act of 2008"
1.Total Lead content (Sec. 101)
2. Phthalates (DBP、BBP and DEHP) content (Sec. 108)

D. As specified by client, to test the specified material of the submitted sample(s) in accordance with Pennsylvania Stuffing Chapter 47, Section 317.

Signed for and on behalf of
BACL

Evan Huang

Bensen Huang

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Bay Area Compliance Laboratories Corp. (Shenzhen)

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Page 2 of 7

- Test Method : B. Canadian Hazardous Products (Toys) Regulations:
 3. Paint Toxicity:
 With reference to the Canadian Hazardous Products Act. R. S., c. H-3, Schedule I, Part 1, Item 9.
 Analysis was performed by ICP-AES
- C. US CPSIA (H.R. 4040):
 1. Total Lead Analysis:
 With reference to US EPA 3052/ EPA 3050B/ EPA 6010C
 Analysis was performed by ICP-AES
 2. Phthalates Analysis:
 With reference to US EPA 3550C/ EPA 3540C/ EPA 8270D,
 By solvent extraction and Analysis was performed by GC-MS
- D. Pennsylvania Stuffing:
 With reference to Chapter 16, Association of Official Analytical Chemists -<Official Methods of Analysis>.
- Results : Please refer to next page(s).
- Conclusion : A. ASTM F963-08:
 1. Physical and Mechanical Tests : Pass (Apart from section 7.1)
 2. Flammability Test : Pass
- B. Canadian Hazardous Products (Toys) Regulations
 C.R.C.,c.931:
 1. Mechanical and Physical Tests : Pass
 2. Flammability Test : Pass
 3. Paint Toxicity : NA (Not Applicable)
- C. US CPSIA (H.R. 4040):
 1.Total Lead content (Sec. 101) : Pass
 2. Phthalates (DBP, BBP and DEHP) content (Sec. 108) : Pass
 :
- D. Pennsylvania Stuffing : Pass

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No.: RSZ0905051907E

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Page 3 of 7

Results:

A. ASTM F963-08

1. Safety aspects related to Mechanical and physical properties

<u>Applicable Section</u>	<u>Description</u>	<u>Result</u>
4	Safety requirements	---
4.1	Material quality	Pass
4.6	Small objects	Pass
4.7	Accessible edges	Pass
4.9	Accessible points	Pass
4.27	Stuffed and beanbag-type toys	Pass
5	Labeling requirements	---
5.2	Age grading labeling	Pass
5.3	Safety labeling requirements	Pass
5.11	Small objects, small balls, marbles and balloons	Pass
6	Instructional literature	---
6.1	Definition and description	Pass
7	Producer's markings	---
7.1	Name and address of the producer or distributor	*1

Use and abuse testing:

<u>Applicable section</u>	<u>Description</u>	<u>Test Condition</u>
8.5	Normal use testing	
8.6	Abuse testing	
8.7	Impact test	4 drops at 3.0 ft.
8.8	Torque test	4 in-lbs.
8.9	Tension test	15 lbs.
8.10	Compression test	30 lbs.

*1 = No all information

Either a principal component of a toy or the package of a toy shall be marked with the address of the producer or the distributor.

2. Flammability

Flammability test of material other than textiles of sample group

Ref.: ASTM F963-08 Section 4.2

Method used: FHSA 16 CFR 1500.44

Result: Pass

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Page 4 of 7

<u>Sample</u>	<u>Burn rate (in/sec.)</u>
PLUSH DOLL	0.01in/sec.

Note: In accordance with the FHSA, the burning rate should not be greater than 0.1 inch per second.

B. Canadian Hazardous Products (Toys) Regulations C.R.C.,c. 931

1 & 2. Safety aspects related to Mechanical and physical properties and Flammability propertie

<u>Applicable Section</u>	<u>Description</u>	<u>Result</u>
3	GENERAL	Pass
8(c)	MECHANICAL HAZARDS-Plastic edges	Pass
SPECIFIC PRODUCTS-dolls and soft toys		
13	Accessible points and edge	Pass
14	Stuffing materials	Pass
15	Eyes or nose	Pass
16	Flammability-Textile materials	Pass* ¹
20	Every product described in item 14 of Part of Schedule to the Act shall meet all such requirements prescribed by these Regulations in respect of products included in item 13 of Part of Schedule as are applicable to it.	Pass

Reasonable Foreseeable Use

<u>Description</u>	<u>Test Condition</u>
Drop test	4 drops at 0.914 m
Push/pull test	10 lbs.

*¹= The submitted sample in accordance with section requirement, The submitted sample did not ignited.

Canadian Hazardous Products Act R.S., c. H-3, s.1.

<u>Applicable Section</u>	<u>Description</u>	<u>Result</u>
7	Cellulose nitrate detection	Pass* ²

*²= The submitted sample not contain with cellulose nitrate.

3. Toxic Metal Elements (Canadian Hazardous Products Act. R. S., c. H-3, Schedule I, Part 1, Item 9)

The submitted Sample(s) are not applicable to test, because of without any coating.

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No.: RSZ0905051907E

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Page 5 of 7

C. US CPSIA (H.R. 4040)

1. Total Lead content

Specimen Description:

- (1) Red thread and red fabric (Hat)
- (2) Black plush (Hat)
- (3) White plush (Head & body)
- (4) Brown plush (Eyes & beard)
- (5) Orange plush (Nose)
- (6) Soft brown plush (Arms)
- (7) Red plush (Hands)

Item	Unit	MDL	Results							Limit
			(1)	(2)	(3)	(4)	(5)	(6)	(7)	
Lead Content (Pb)	ppm	5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	See Remark

Remark:

Lead in Children's Products (Material & Substrates)

The total lead content (by weight) in materials or substrates of the children's products shall comply with the following limits:

- 600 ppm – Effective 180 days after the date of enforcement (10 Feb., 2009)
- 300 ppm - Effective 1 year after the date of enforcement (14 Aug., 2009)
- 100 ppm (or a feasible limit lower than 300 ppm determined by the Commission)
- Effective 3 years after the date of enforcement (14 Aug., 2011)

Lead in Paint and Surface Coating: 90 ppm – Effective 1 year after enforcement (14 Aug., 2009)

2. Phthalates Content

Specimen Description:

- (8) White plastic (Beads inner hip)
- (9) Red plastic (Beads inner beard)

Phthalates	Unit	MDL	Results		Limit
			(8)	(9)	
Dibutyl Phthalate (DBP)	%	0.003	N.D.	N.D.	0.1%
Benzylbutyl Phthalate (BBP)	%	0.003	N.D.	N.D.	0.1%
Bis-(2-ethylhexyl) Phthalate (DEHP)	%	0.003	N.D.	N.D.	0.1%

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Page 6 of 7

D. Pennsylvania Stuffing

Specimen Description:

(10) White poly-fabric (Stuffing)

No.	Items	Unit	Results	Limit
			(10)	
1	Oil or Grease	%	< 0.1	1.0
2	Lead Content (Pb)	%	< 0.0005	0.002
3	Diarsenic trioxide (As ₂ O ₃)	%	< 0.0001	0.0002
4	Ammonia	%	< 0.1	5.0
5	Urea	%	< 0.1	1.0
6	Material of sufficient size to visibly reveal a pattern, weave, or other mechanical unification of threads to indicate prior use or a previous manufacturing process.	/	Pass*	See Remark
7	Dirt or any other foreign matter	%	< 0.1	1.0
8	Plastic or metal ornaments such as eyes and nose not of a safety design or not attached to the stuffed toy so as to prevent removal	/	Pass*	See Remark
9	Stones or other hard materials having jagged or sharp edges	/	Pass*	See Remark
10	Material bearing electrostatic charge with adherence characteristics which when exposed could lodge in the windpipe, ears or nostrils	/	Pass*	See Remark
11	The Burn Rate of filling material which surface burns	3s/cm ² (in ²)	0.8in ²	3s/77.4cm ² (or 3s/12in ²)

Remark: The requirement in the regulation is " Shall not have".

Note:

- * = Negative
- < = Less than
- N.D. = Not Detected or less than MDL
- MDL = Method Detection Limit
- 3s/77.4cm² (or 3s/12in²) = Three seconds for 77.4 square centimeters (or Three seconds 12 square inches.)
- % = Percentage by weight
- 0.1% = 1000mg/kg, mg/kg = ppm
- Photo appendix is included.

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Appendix

Photograph of Sample



BACL authenticate the photo on original report only

*** End of Report ***

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