



TEST REPORT

Test Report # 17H-005118 Date of Report Issue: July 10, 2017
 Date of Sample Received: June 23, 2017 Pages: Page 1 of 13

CLIENT INFORMATION:

Company: Hit Promotional Products
 Recipient: Nathan Cotter
 Recipient Email: ncotter@hitpromo.net



SAMPLE INFORMATION:

Description:	4" Mini Plush Buddies Dog With Shirt		
Assortment:	1 color	Purchase Order Number:	206958
SKU No.:	1240	Agent:	Headwind (Headwear, Bags)
Factory No.:	129880	Country of Origin:	China
Country of Distribution:	United States	Labeled Age Grade:	-
Quantity Submitted:	6 pcs	Recommended Age Grade:	All ages
Testing Period:	06/23/2017 – 07/05/2017 07/06/2017 – 07/10/2017	Tested Age Grade:	All ages

OVERALL RESULT:

PASS

Refer to page 2 for test result summary and appropriate notes.

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TEST RESULTS SUMMARY:

At the request of the client, the following tests were conducted:

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 106 & ASTM F963-16 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials
PASS	CPSIA Section 106 & ASTM F963-16 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	CPSIA Section 101, Total Lead in Glass and Ceramic Materials [#]
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	Pennsylvania Stuffed Toy Regulation 47.317, Tolerances
PASS	CPSIA Section 102 & 16 CFR 1501, Small Parts CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-16, Mechanical Hazards 16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards
PASS	ASTM F963-16 Labeling
PASS	16 CFR 1500.44 and ASTM F963-16, Section 4.2, Flammability of Solids
PASS	Pennsylvania Stuffed Toy Regulations 47.322 Nonfabric
PASS	CPSIA Section 103, Tracking Labels for Children’s Products [#]
PASS	Pennsylvania Stuffed Toy Regulations 47.315 & 47.316 [#]
PASS	Ohio 4101:6-1-05(B) Label Requirements of Stuffed Toys [#]
PASS	Massachusetts 105 CMR 620.006: Stuffed Toys [#]

Remark:

CPSIA Section 106 & ASTM F963-16 Clause 4.3.5, Soluble Heavy Metals Elements Content in Paints and Similar Surface Coatings and CPSIA Section 101 & 16 CFR 1303, Total Lead Content in Paints and Surface Coatings were not conducted as no paint and similar surface coating found on received sample.

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**DETAILED RESULTS:****CPSIA Section 106 & ASTM F963-16 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials**

Test Method: ASTM F963-16 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

Specimen No.	1	3	6+7	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Antimony (Sb)	ND	28	25	---	---	60
Total Arsenic (As)	ND	ND	ND	---	---	25
Total Barium (Ba)	ND	ND	79	---	---	1000
Total Cadmium (Cd)	ND	ND	ND	---	---	75
Total Chromium (Cr)	ND	ND	ND	---	---	60
Total Lead (Pb)	ND	ND	ND	---	---	90
Total Mercury (Hg)	ND	ND	ND	---	---	60
Total Selenium (Se)	ND	ND	ND	---	---	500
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit: Sb, As, Ba, Cd, Cr, Pb, Hg = 20 ppm; Se = 50 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

Remark:

The total heavy metals screening results of Specimen No. 5 exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

**DETAILED RESULTS:****CPSIA Section 106 & ASTM F963-16 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials**

Test Method: ASTM F963-16 Clause 8.3.5

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	5	---	---	---	---	Soluble Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Soluble Antimony (Sb)	ND	---	---	---	---	60
Soluble Arsenic (As)	ND	---	---	---	---	25
Soluble Barium (Ba)	ND	---	---	---	---	1000
Soluble Cadmium (Cd)	ND	---	---	---	---	75
Soluble Chromium (Cr)	ND	---	---	---	---	60
Soluble Lead (Pb)	ND	---	---	---	---	90
Soluble Mercury (Hg)	ND	---	---	---	---	60
Soluble Selenium (Se)	ND	---	---	---	---	500
Conclusion	PASS	---	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 2 ppm)

**DETAILED RESULTS:****CPSIA Section 101, Total Lead in Substrate Materials**

Test Method: CPSC-CH-E1001-08.3 (Metal), CPSC-CH-E1002-08.3 (Non-Metal)

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1	2	3	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	---	---	100
Conclusion	PASS	PASS	PASS	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.



DETAILED RESULTS:

CPSIA Section 101, Total Lead in Glass and Ceramic Materials

Test Method: AI|ANSECO Method#
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	100
Conclusion	PASS	---	---	---	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram)

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

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**DETAILED RESULTS:****CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	2	3	---	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	---	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	---	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	---	1000
Di-n-octyl phthalate (DnOP)	117-84-0	ND	ND	ND	---	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	---	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	---	1000
Conclusion		PASS	PASS	PASS	---	

Note:

ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % m/m (Percent by mass)

LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

Composite results are based on specimen of least mass resulting in highest potential concentration.

**DETAILED RESULTS:****Pennsylvania Stuffed Toy Regulation 47.317, Tolerances**

Test Method: Official Methods of Analysis of the Association of Official Analytical Chemist, 15 ed., Chapter 16, 1990 – Extraneous Materials: Isolation and CH-HK-WI062

Specimen No.	8	
Test Item	Result	Specification
1. 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	Absent	Absent
2. Dirt or any other foreign matter	LT 1 % m/m	LT 1 % m/m
3. Oil and grease	ND	LT 1 % m/m
4. Lead (as Pb)	ND	LT 20 ppm
5. Arsenic (as As ₂ O ₃)	ND	LT 2 ppm
6. Ammonia	ND	LT 5 % m/m
7. Urea	ND	LT 1 % m/m
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	Absent	Absent
9. Stones or other hard materials having jagged or sharp edges	Absent	Absent
10. Material bearing electrostatic charge with adherence characteristics which when exposed could lodge in the windpipe, ears or nostrils	Absent	Absent
11. Surface burn rate of Filling material	MT 3 s/12 in ²	MT 3 s/12 in²
Conclusion	PASS	

Note:

% m/m = Percent by mass

ppm(Parts per million) = mg/kg (Milligrams per kilogram)

s/in² = Second per square inch

LT = Less than; MT = More than

NA = Not applicable

ND = Not detected (Reporting Limit: Dirt or any other foreign matter = 1 %; Oil and grease = 0.1 %;

Pb = 2 ppm; As₂O₃ = 2 ppm; Ammonia = 0.5 % m/m; Urea = 0.5 % m/m)

**DETAILED RESULTS:****CPSIA Section 102 & 16 CFR 1501, Small Parts****CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-16, Mechanical Hazards****16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards**

Mechanical hazards evaluated as described in 16 CFR 1500.51-1500.53 and ASTM F963-16, as applicable.

Test	Observation	Conclusion
Impact	No Small Part, Sharp Edge or Sharp Point	PASS
Torque	No Small Part, Sharp Edge or Sharp Point	PASS
Tension	No Small Part, Sharp Edge or Sharp Point	PASS
Seam Strength	No Seam Separation Observed	PASS

Other Applicable ASTM F963-16 Sections

Section	Test	Conclusion
4.1	Material Quality	PASS
4.3.7	Stuffing Material	PASS
4.6	Small Objects	PASS
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS
4.11	Nails and Fasteners	PASS
4.27	Stuffed and Beanbag-Type Toys	PASS
5.16	Promotional Materials	PASS
7.1	Producers Markings	PASS

**DETAILED RESULTS:****16 CFR 1500.44 and ASTM F963-16, Section 4.2, Flammability of Solids**

Test	Observation	Conclusion
Flammability of Solids	The burn rate is less than or equal to 0.1 in/sec.	PASS

Pennsylvania Stuffed Toy Regulations 47.322 Nonfabric

Test	Observation	Conclusion
Burning characteristics	Class V – No unusual burning characteristics	PASS

CPSIA Section 103, Tracking Labels for Children’s Products[#]

Requirement	Observation	Conclusion
Manufacturer or private labeler listed, location & date of manufacture, including batch, run number and/or other identifying characteristics	Information was present.	PASS

Pennsylvania Stuffed Toy Regulations 47.315 & 47.316[#]

Test	Observation	Conclusion
Seal of approval	The product contain proper stuffed toy label	PASS
Filling material	The filling material presented in accepted generic term	PASS

Ohio 4101:6-1-05(B) Label Requirements of Stuffed Toys[#]

Test	Observation	Conclusion
Labeling requirements	The product contain proper stuffed toy label	PASS

Massachusetts 105 CMR 620.006: Stuffed Toys[#]

Test	Observation	Conclusion
Labeling requirements	The product contain proper stuffed toy label	PASS

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**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black plastic	Eyes of dog
2	White plastic	Back cover of eye of dog
3	Black printed white plastic	Sewn in label
4	Clear glass	Beads
5	Brown textile with white textile backing and white thread	Body of dog
6	Black textile	Nose of dog
7	White textile with black thread	Face/ tummy of dog
8	White fiber	Stuffing



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SAMPLE PHOTO:



-End Report-

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