Test Report Number: GZHH00560340

Applicant: ZHONGSHAN PHQH METAL AND PLASTIC CO.LTD
ZONE A, BUILDING B, TONG MAO INDUSTRIAL ROAD,
GUO MAI INDUSTRIAL PARK, DONGSHENG TOWN,
ZHONGSHAN, GD, CHINA

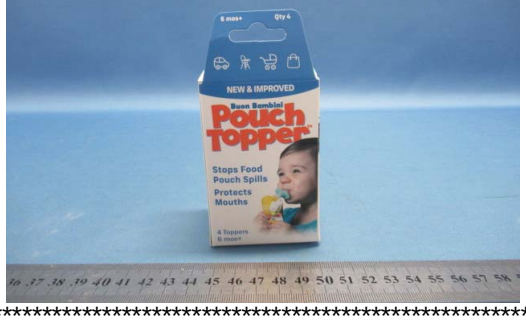
Date: Sep 05, 2024

Sample Description:

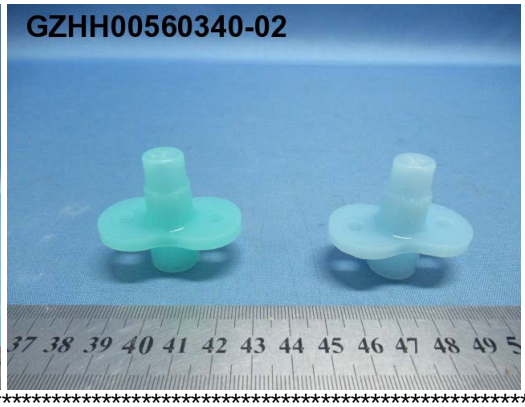
Two (2) styles of submitted sample said to be :

Item Name	:	**Buon Bambini Pouch Topper**
Color	:	Cyan , Light Blue
Labelled Age Group	:	"6 mos+"
Applicant Specified Age Grading for Testing	:	Over 6 Months
Packaging Provided by Applicant	:	Yes
Buyer	:	Buon Bambini LLC
Manufacturer	:	Zhongshan PHQH Metal and Plastic Co. Ltd
Country of Destination	:	USA
Country of Origin	:	China
Date Sample Received	:	Aug 28, 2024
Testing Period	:	Aug 28, 2024 ~ Sep 04, 2024

GZHH00560340-01



GZHH00560340-02



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Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

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To be continued

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Test Report Number: GZHH00560340

Conclusion:

Tested sample	Standard - U.S. CFR Title 16 (CPSC Regulations)	Result
Submitted sample(s)	Physical and mechanical tests	Pass
	Part 1500.3(C)(6)(vi) flammability test on rigid and pliable solids	Pass
	Standard/Testing Item	
Tested component(s) of submitted samples	U.S. ASTM F963-23 on Phthalate content	Pass#
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Sec 108(a) & (b)(3) and US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates	Pass
	U.S. ASTM F963-23 on soluble heavy elements test	Pass#
Submitted samples	U.S. ASTM F963-23 on total Lead content in surface coating	Not Applicable
Tested component(s) of submitted samples	U.S. ASTM F963-23 on total Lead content in non-surface coating	Pass#
Submitted samples	U.S. CFR Title 16 Part 1303 total Lead content	Not Applicable
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Not Applicable
Tested component(s) of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass

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Remarks:
= The submitted samples were not subjected to the scope of the standard. The tests performed as per the application's request.

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Authorized by:
For Intertek Testing Services Shenzhen Ltd.
Guangzhou Branch, Hardlines

Victor T.J. Wang
General Manager

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Tests Conducted

1 Physical and Mechanical Tests

As per U.S. Code of Federal Regulations Title 16 part 1500.50, the hazards of sharp points, sharp edge and small parts are assessed both before and after applicable use and abuse tests.

	No. of sample tested	Sharp Point (1500.48)	Sharp Edge (1500.49)	Small Part (1501)
As received	4	P	NA	P
Impact test (1500.51(b))	1	P	NA	P
Flexure test (1500.53(d))	0	NA	NA	NA
Torque test (1500.53(e))	1	P	NA	P
Tension test (1500.53(f))	1	P	NA	P
Compression test (1500.53(g))	1	P	NA	P

Remark: P = Pass NA = Not Applicable

2 Flammability test

As per U.S. Code of Federal Regulations Title 16 Part 1500.44 for rigid and pliable solids

Result : Ignited but self-extinguished before burn rate could be determined

3 Phthalate Content (U.S. ASTM F963-23)

As per Section 4.3.8 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-C1001-09.4 was used and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		1+2	-	-	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	-	-	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	-	-	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	-	-	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	-	-	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	-	-	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	-	-	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	-	-	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	-	-	-	-	%	0.01	0.1

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Tests Conducted

Remarks:
D.L. = Detection Limit
ND = Not Detected
Tested Components: See component list in the last section of this report.

4 Phthalate Content (U.S. 16 CFR Part 1307)

With reference to CPSC-CH-C1001-09.4, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test Item	CAS No.	Result					Units	D.L.	Limit
		1+2	-	-	-	-			
Dibutyl phthalate (DBP)	84-74-2	ND	-	-	-	-	%	0.01	0.1
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	-	-	-	-	%	0.01	0.1
Benzyl butyl phthalate (BBP)	85-68-7	ND	-	-	-	-	%	0.01	0.1
Di-isononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	-	-	-	-	%	0.01	0.1
Di-isobutyl phthalate (DIBP)	84-69-5	ND	-	-	-	-	%	0.01	0.1
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	-	-	-	-	%	0.01	0.1
Di-n-hexyl phthalate (DnHP/DHEXP)	84-75-3	ND	-	-	-	-	%	0.01	0.1
Di-cyclohexyl phthalate (DCHP)	84-61-7	ND	-	-	-	-	%	0.01	0.1

Remarks:
D.L. = Detection Limit
ND = Not detected
The above limit was quoted according to US 16 CFR Part 1307 for Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates.
Tested Components: See component list in the last section of this report.

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Tests Conducted

5 Heavy Elements Analysis (U.S. ASTM F963-23)

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Non-modelling clay

Test Item	Result					Units	D.L.	Limit
	1	2	-	-	-			
Barium (Ba)	ND	ND	-	-	-	mg/kg	5	1000
Lead (Pb)	ND	ND	-	-	-	mg/kg	5	90
Cadmium (Cd)	ND	ND	-	-	-	mg/kg	5	75
Antimony (Sb)	ND	ND	-	-	-	mg/kg	5	60
Selenium (Se)	ND	ND	-	-	-	mg/kg	5	500
Chromium (Cr)	ND	ND	-	-	-	mg/kg	5	60
Mercury (Hg)	ND	ND	-	-	-	mg/kg	5	60
Arsenic (As)	ND	ND	-	-	-	mg/kg	2.5	25

Remarks:
D.L. = Detection Limit

ND = Not Detected
The analytical results were adjusted by subtracting analytical correction factor.
Tested Components: See component list in the last section of this report.

6 Total Lead (Pb) Content in Surface Coating (U.S. ASTM F963-23)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope for surface coating was not applicable to the submitted sample (s).

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Tests Conducted

7 Total Lead (Pb) Content in Non-Surface Coating (U.S. ASTM F963-23)

With reference to Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-23, test method CPSC-CH-E1001-08.3 or/and CPSC-CH-E1002-08.3 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1+2	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	mg/kg	10	100

Remarks:
D.L. = Detection Limit
ND = Not Detected
Tested Components: See component list in the last section of this report.

8 Total Lead (Pb) Content (U.S. 16 CFR Part 1303)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope of 16 CFR 1303 was not applicable to the submitted sample(s).

9 Total Lead (Pb) Content in Surface Coating (U.S. 16 CFR Part 1303 and CPSIA Section 101)

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry.

Assessment: Since no scrapable surface coating was found on the submitted sample(s), the testing scope was not applicable to the submitted sample(s).

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Tests Conducted

10 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate) (U.S. CPSIA Section 101)

As per 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 were used and total Lead content was determined by Inductively Coupled Plasma - Optical Emission Spectrometry and/or Atomic Absorption Spectrometry.

Test Item	Result					Units	D.L.	Limit
	1+2	-	-	-	-			
Lead (Pb)	ND	-	-	-	-	mg/kg	10	100

Remarks:
D.L. = Detection Limit
The above limit was quoted according to U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in Non-surface coating materials.

mg/kg = parts per million = ppm
ND = Not detected
Tested Components: See component list in the last section of this report.

Component List

No.	Test Component Description(s)
(1)	Blue soft plastic (pouch topper).
(2)	Cyan soft plastic (pouch topper).

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End of report

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