





TEST REPORT

Test Report # 19H-002436 Date of Report Issue: May 27, 2019 Date of Sample Received: April 16, 2019 Pages: Page 1 of 25

CLIENT INFORMATION:

Company: Hit Promotional Products

Recipient: Nathan Cotter

Recipient Email: ncotter@hitpromo.net





SAMPLE INFORMATION:

Description: 1.33 Oz Round Bubble Dispenser, Bubble Pen & 2 Oz Fun Time Bubble

Dispenser

Assortment: 0765-5 colors, Purchase Order Number: 305126

> 0767-6 colors, 0768-5 colors

0765, 0767 & 0768 SKU No.: Agent: **Growth-Sonic**

Factory No.: 127810 Country of Origin: China

Labeled Age Grade: Country of Distribution: **United States**

Quantity Submitted: 5 pcs per style + 1 lot

paints

Testing Period: 04/16/2019 - 05/09/2019

> 05/10/2019 - 05/15/2019 05/24/2019 - 05/24/2019 05/27/2019 - 05/27/2019

Recommended Age Grade: Over 3 years of age

Tested Age Grade: Over 3 years of age

OVERALL RESULT:

PASS

Refer to page 2 for test result summary and appropriate notes. QIMA Testing (HK) Limited

Loska Yeung Lok Ka Assistant Manager, Chemical Laboratory QIMA Testing (HK) Limited

Ricky Cheung Chin Yeung Manager, Physical Laboratory

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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 F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials
PASS	CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials
PASS	CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	California Proposition 65, Total Lead in Substrate Materials
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP) #
PASS	16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)#
PASS	CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, Mechanical Hazards 16 CFR 1500, Federal Hazardous Substances Act (FHSA), Mechanical Hazards
PASS	16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids
PASS	16 CFR 1500.3 (c) (6) (iii) Combustible Liquids (Flashpoint) (ASTM D3828)
PASS	CPSIA Section 103, Tracking Labels for Children's Products#

Remark:

CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Paint and Similar Surface Coatings was not conducted as specimen mass found on single sample less than 10 milligrams.

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DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

Specimen No.	2+3+4	5+6+38	7	8+9+10	11+12+13	Soluble
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	704	ND	ND	466	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	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 = 20ppm; Se = 50ppm)

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

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

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DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

Specimen No.	14+15+16	17+18+19	20	21	22+23+24	Soluble
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	ND	ND	ND	60
Total Arsenic (As)	ND	ND	ND	ND	ND	25
Total Barium (Ba)	89	ND	ND	ND	ND	1000
Total Cadmium (Cd)	ND	ND	ND	ND	ND	75
Total Chromium (Cr)	ND	ND	ND	ND	ND	60
Total Lead (Pb)	ND	ND	ND	ND	ND	90
Total Mercury (Hg)	ND	ND	ND	ND	ND	60
Total Selenium (Se)	ND	ND	ND	ND	ND	500
Conclusion	PASS	PASS	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 = 20ppm; Se = 50ppm)

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

Remark:

The total heavy metals screening results do not exceed the soluble heavy metal limits, therefore, further soluble analyses were not conducted.

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DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Total Elements Screening in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Substrate Materials Other Than Modeling Clay

Specimen No.	25+26+27	31+32+33	34+35	36		Soluble
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Antimony (Sb)	ND	ND	ND	ND		60
Total Arsenic (As)	ND	ND	ND	ND		25
Total Barium (Ba)	ND	ND	ND	ND		1000
Total Cadmium (Cd)	ND	ND	ND	ND		75
Total Chromium (Cr)	ND	ND	ND	ND		60
Total Lead (Pb)	ND	ND	ND	ND		90
Total Mercury (Hg)	ND	ND	ND	ND		60
Total Selenium (Se)	ND	ND	ND	ND		500
Conclusion	PASS	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 = 20ppm; Se = 50ppm)

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

Remark:

The total heavy metals screening results of Specimen No. 28, 29 and 30 exceeded the soluble heavy metal limits, therefore separate soluble analyses were conducted.

Data Consolidation Reference

Specimen No.	Transferro	Date of Issue	
Specimen No.	Report No.	Specimen No.	Date of issue
20	18H-009145	16	December 4, 2018
21	18H-009145	17	December 4, 2018
36	18H-009145	19	December 4, 2018

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DETAILED RESULTS:

CPSIA Section 106 & ASTM F963-17 Toy Safety, Clause 4.3.5 Soluble Elements in Substrate Materials

Test Method: ASTM F963-17 Clause 8.3.5

Analytical Method: Inductively Coupled Plasma-Mass Spectrometry

Substrate Materials Other than Modeling Clay

Specimen No.	28	29	30			Soluble
Test Item	Result	Result	Result	Result	Result	Limit
1656 166111	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)	(ppm)
Soluble Antimony (Sb)	ND	ND	ND			60
Soluble Arsenic (As)	ND	ND	ND			25
Soluble Barium (Ba)	ND	ND	ND			1000
Soluble Cadmium (Cd)	ND	ND	ND			75
Soluble Chromium (Cr)	ND	ND	ND			60
Soluble Lead (Pb)	ND	ND	ND			90
Soluble Mercury (Hg)	ND	ND	ND			60
Soluble 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 = 2 ppm)

Remark:

The total heavy metals screening results of Specimen No. 28, 29, 30 exceeded the soluble heavy metal limits, therefore a separate soluble analysis was conducted.

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DETAILED RESULTS:

CPSIA Section 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					90
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.

Data Consolidation Reference

Specimen No.	Transferr	ed from	Data of Issue
Specimen No.	Report No.	Specimen No.	Date of Issue
1	18H-009145	1	December 4, 2018

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DETAILED RESULTS:

California Proposition 65, Total Lead in Paints and Surface Coatings

Test Method: CPSC-CH-E-1003-09.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1					Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND					90
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.

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference

Specimen No	Transferr	Transferred from				
Specimen No.	Report No.	Specimen No.	Date of Issue			
1	18H-009145	1	December 4, 2018			

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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.	7	8+9+10	11+12+13	14+15+16	17+18+19	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	20	21	22+23+24	25+26+27	28+29+30	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	31+32+33	34+35	36	37		Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND		100
Conclusion	PASS	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.

Data Consolidation Reference

Specimen No.	Transferr	ed from	Date of Issue
	Report No.	Specimen No.	Date of issue
20	18H-009145	16	December 4, 2018
21	18H-009145	17	December 4, 2018
36	18H-009145	19	December 4, 2018

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DETAILED RESULTS:

California Proposition 65, 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.	7	8+9+10	11+12+13	14+15+16	17+18+19	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	20	21	22+23+24	25+26+27	28+29+30	Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	31+32+33	34+35	36	37		Total
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Limit (ppm)
Total Lead (Pb)	ND	ND	ND	ND		100
Conclusion	PASS	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.

Remark:

The specification is quoted from client's requirement.

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Data Consolidation Reference

Specimen No.	Transferro	ed from	Date of Issue
	Report No.	Specimen No.	Date of issue
20	18H-009145	16	December 4, 2018
21	18H-009145	17	December 4, 2018
36	18H-009145	19	December 4, 2018

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DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4, CPSC-CH-C1001-09.3*

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	8+9+10	11+12+13	14+15+16	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

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

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

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Test Report #: 19H-002436 Page 13 of 25

DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4, CPSC-CH-C1001-09.3*

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		17+18+19	20	21	22+23+24	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

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

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

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DETAILED RESULTS:

California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

Test Method: CPSC-CH-C1001-09.4, CPSC-CH-C1001-09.3*

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	Specimen No.		28+29+30	31+32+33	34+35	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Diisodecyl phthalate (DIDP)	26761-40-0 68515-49-1	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DnHP)	84-75-3	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note:

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

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Remark:

The specification is quoted from client's requirement.

Data Consolidation Reference

Specimen No.	Transferro	ed from	Date of Issue	
	Report No.	Date of issue		
1	18H-009145	1	December 4, 2018	
20	18H-009145	16	December 4, 2018	
21	18H-009145	17	December 4, 2018	

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DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4, CPSC-CH-C1001-09.3*

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	1	8+9+10	11+12+13	14+15+16	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note.

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

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4, CPSC-CH-C1001-09.3*

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen N	0.	17+18+19	20	21	22+23+24	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note

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

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

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DETAILED RESULTS:

16 CFR 1307 Prohibition of Children's Toys and Child Care Articles Containing Specified Phthalates (DBP, BBP, DEHP, DINP, DHEXP / DnHP, DCHP, DIBP, DPENP)

Test Method: CPSC-CH-C1001-09.4, CPSC-CH-C1001-09.3*
Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		25+26+27	28+29+30	31+32+33	34+35	
Test Item	CAS No.	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Limit (mg/kg)
Dibutyl phthalate (DBP)	84-74-2	ND	ND	ND	ND	1000
Benzyl butyl phthalate (BBP)	85-68-7	ND	ND	ND	ND	1000
Di-(2-ethylhexyl) phthalate (DEHP)	117-81-7	ND	ND	ND	ND	1000
Diisononyl phthalate (DINP)	28553-12-0 68515-48-0	ND	ND	ND	ND	1000
Di-n-hexyl phthalate (DHEXP / DnHP)	84-75-3	ND	ND	ND	ND	1000
Dicyclohexyl phthalate (DCHP)	84-61-7	ND	ND	ND	ND	1000
Diisobutyl phthalate (DIBP)	84-69-5	ND	ND	ND	ND	1000
Di-n-pentyl phthalate (DPENP)	131-18-0	ND	ND	ND	ND	1000
	Conclusion	PASS	PASS	PASS	PASS	

Note.

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

LT = Less than

ND = Not detected (Reporting Limit = 300 mg/kg)

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

Data Consolidation Reference

Specimen No	Transferred from		Date of Issue
Specimen No.	Report No.	Specimen No.	Date of issue
1	18H-009145	1	December 4, 2018
20	18H-009145	16	December 4, 2018
21	18H-009145	17	December 4, 2018

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DETAILED RESULTS:

CPSIA Section 106, Mandatory Toy Safety Standard ASTM F963-17, 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 F963-17, as applicable.

Test	Observation	Conclusion
Impact	No Sharp Edge or Sharp Point	PASS
Torque	No Sharp Edge or Sharp Point	PASS
Tension	No Sharp Edge or Sharp Point	PASS

Other Applicable ASTM F963-17 Sections

Section	Test	Conclusion
4.1	Material Quality	PASS
4.7	Accessible Edges	PASS
4.9	Accessible Points	PASS

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DETAILED RESULTS:

16 CFR 1500.44 and ASTM F963-17, Section 4.2, Flammability of Solids

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

16 CFR 1500.3 (c) (6) (iii) Combustible Liquids (Flashpoint) (ASTM D3828)

Test	Observation	Conclusion
Combustible Liquids	The sample had no flammable gases, extremely flammable liquids, highly flammable liquids, flammable liquids and flammable gels. No flash fire observed.	PASS

Data Consolidation Reference

Transferred from Report No.	Date of Issue
18H-009145	December 4, 2018

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DETAILED RESULTS:

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

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black coating	Tracking information (all styles)
2	Red textile	String (1.33 Oz Round Bubble Dispenser/ Bubble Pen - Red styles)
3	Yellow textile	String (1.33 Oz Round Bubble Dispenser/ Bubble Pen - yellow styles)
4	Green textile	String (1.33 Oz Round Bubble Dispenser/ Bubble Pen - green styles)
5	Blue textile	String (1.33 Oz Round Bubble Dispenser/ Bubble Pen - blue styles)
6	White textile	String (1.33 Oz Round Bubble Dispenser/ Bubble Pen - white styles)
7	Black ink	Ink (all Bubble Pen styles)
8	Dull red plastic	Bottle/ cap/ string holder (1.33 Oz Round Bubble Dispenser – Red style); string holder (Bubble Pen – Red style)
9	Dull yellow plastic	Bottle/ cap/ string holder (1.33 Oz Round Bubble Dispenser – Yellow style); string holder (Bubble Pen – Yellow style)
10	Dull green plastic	Bottle/ cap/ string holder (1.33 Oz Round Bubble Dispenser – Green style)
11	Dark green plastic	String holder (Bubble Pen – Green style)
12	Dull blue plastic	Bottle/ cap/ string holder (1.33 Oz Round Bubble Dispenser – Blue style); string holder (Bubble Pen – Blue style)
13	Dull white plastic	Bottle/ cap/ string holder (1.33 Oz Round Bubble Dispenser – White style); string holder (Bubble Pen – White style)
14	Flat white plastic	Lid (all 2 Oz Fun Time Bubble Dispenser styles)
15	Flat red plastic	Bottle (2 Oz Fun Time Bubble Dispenser – Red style)
16	Flat green plastic	Bottle (2 Oz Fun Time Bubble Dispenser – Green style)
17	Flat blue plastic	Bottle (2 Oz Fun Time Bubble Dispenser – Blue style)
18	Flat white plastic	Bottle (2 Oz Fun Time Bubble Dispenser – White style)

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
19	Flat pink plastic	Bottle (2 Oz Fun Time Bubble Dispenser
20	Dull white plastic	– Pink style)Stick (all 2 Oz Fun Time Bubble Dispenser styles)
21	White soft plastic	Inner lid (all 2 Oz Fun Time Bubble Dispenser styles)
22	Red plastic	Cap/ barrel/ end cap (Bubble Pen – Red style)
23	Yellow plastic	Cap/ barrel/ end cap (Bubble Pen – Yellow style)
24	Green plastic	Cap/ barrel/ end cap (Bubble Pen – Green style)
25	Blue plastic	Cap/ barrel/ end cap (Bubble Pen – Blue style)
26	Purple plastic	Cap/ barrel/ end cap (Bubble Pen – Purple style)
27	Dull purple plastic	String holder (Bubble Pen – Purple style)
28	White plastic	Cap/ barrel/ end cap (Bubble Pen – White style)
29	Transparent red plastic	Barrel (Bubble Pen – Red style)
30	Transparent yellow plastic	Barrel (Bubble Pen – Yellow style)
31	Transparent green plastic	Barrel (Bubble Pen – Green style)
32	Transparent blue plastic	Barrel (Bubble Pen – Blue style)
33	Transparent pink plastic	Barrel (Bubble Pen – Purple style)
34	Transparent plastic	Barrel (Bubble Pen – White style)
35	Translucent plastic	Inner end cap (all Bubble Pen styles); stick (all Bubble Pen/ 1.33 Oz Round Bubble Dispenser styles)
36	Transparent liquid	Bubble solution (all styles except Paints style)
37	Silvery/ dull silvery metal	Tip and ball (all Bubble Pen styles)
38	Pink textile	String (Bubble Pen - Purple styles)

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DATE CODE PHOTO:



P01



P02

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DATE CODE PHOTO:



P03

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SAMPLE PHOTO:





-End Report-

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