

TEST REPORT

Company: Numo Manufacturing
 Recipient: Rebecca Williams
 Recipient Email: rwilliams@numomfg.com
 cc to Email: -

Test Report # 16H-01190
 Date of Issue: March 23, 2016
 Pages: Page 1 of 9
 Date Received: March 17, 2016

SAMPLE INFORMATION:

Description: Expanded Vinyl ~ 40287 ~ Royal, Maroon, Grey, Navy, Ebony, Red, White
 Assortment: - Purchase Order Number: -
 SKU/style No.: - Toy Co./Agency: -
 Factory/Supplier/Vendor: Numo Manufacturing Country of Origin: Mexico
 Country of Distribution: - Labeled Age Grade: -
 Quantity Submitted: 1 pc per style Recommended Age Grade: -
 Testing Period: 03/17/2016 – 03/23/2016 Tested Age Grade: -

OVERALL RESULT:

PASS

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

CONCLUSION	TEST(S) CONDUCTED
PASS	CPSIA Section 101, Total Lead in Substrate Materials
PASS	Client's Requirement, Total Cadmium in Substrate Materials
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
 Manager, Chemical Laboratory

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DETAILED RESULTS:

CPSIA Section 101, Total Lead in Substrate Materials

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced regulation.

[Referenced Test Method: CPSC-CH-E1001-08.2 (Metal) and/or CPSC-CH-E1002-08.2 (Non-Metal)]

Specimen No.	1	2	3	4	5	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	---	---	---	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	---	---	---	100
Conclusion	PASS	PASS	---	---	---	

Note:

Pb = Lead
 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:

Client's Requirement, Total Cadmium in Substrate Materials

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced specification. [Referenced Test Method: ASTM F963-11 Clause 8.3.1]

Specimen No.	1	2	3	4	5	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cd	ND	ND	ND	ND	ND	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	---	---	---	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Cd	ND	ND	---	---	---	40
Conclusion	PASS	PASS	---	---	---	

Note:

Cd = Cadmium

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

LT = Less than

ND = Not detected (Reporting Limit = 20 ppm)

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DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1	2	3	4	5	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	ND	ND	ND	1000
BBP	ND	ND	ND	ND	ND	1000
DEHP	440	580	560	620	740	1000
DnOP	ND	ND	ND	ND	ND	1000
DINP	ND	ND	ND	ND	ND	1000
DIDP	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate;
 DnOP = Di-n-octyl phthalate; DINP = Diisononyl phthalate; DIDP = Diisodecyl phthalate
 ppm (Parts per million) = mg/kg (Milligrams per kilogram) = 0.0001 % w/w (Percent by weight)
 LT = Less than

ND = Not detected (Reporting Limit = 120 ppm)

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DETAILED RESULTS:

CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	6	7	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	---	---	---	1000
BBP	ND	ND	---	---	---	1000
DEHP	460	400	---	---	---	1000
DnOP	ND	ND	---	---	---	1000
DINP	ND	ND	---	---	---	1000
DIDP	ND	ND	---	---	---	1000
Conclusion	PASS	PASS	---	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate;
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DETAILED RESULTS:

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

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced specification. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	1	2	3	4	5	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	ND	ND	ND	1000
BBP	ND	ND	ND	ND	ND	1000
DEHP	440	580	560	620	740	1000
DINP	ND	ND	ND	ND	ND	1000
DIDP	ND	ND	ND	ND	ND	1000
DnHP	ND	ND	ND	ND	ND	1000
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate;
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DETAILED RESULTS:

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

Analysis performed by Gas Chromatography/Mass Spectrometry to determine compliance with the above referenced specification. [Referenced Test Method: CPSC-CH-C1001-09.3]

Specimen No.	6	7	---	---	---	Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
DBP	ND	ND	---	---	---	1000
BBP	ND	ND	---	---	---	1000
DEHP	460	400	---	---	---	1000
DINP	ND	ND	---	---	---	1000
DIDP	ND	ND	---	---	---	1000
DnHP	ND	ND	---	---	---	1000
Conclusion	PASS	PASS	---	---	---	

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DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate;
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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Blue PVC with white net textile backing	Raw material (royal style)
2	Dull red PVC with white net textile backing	Raw material (maroon style)
3	Grey PVC with white net textile backing	Raw material (grey style)
4	Deep blue PVC with white net textile backing	Raw material (navy style)
5	Black PVC with white net textile backing	Raw material (ebony style)
6	Red PVC with white net textile backing	Raw material (red style)
7	White PVC with white net textile backing	Raw material (white style)

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SAMPLE PHOTO:



-End Report-

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