

TEST REPORT

Company: Numo Manufacturing
Recipient: Chris Van Meter
Recipient Email: cvanmeter@numomfg.com
cc to Email: -

Test Report # 13H-03594
Date of Issue: November 28, 2013
Pages: Page 1 of 7
Date Received: November 23, 2013

SAMPLE INFORMATION:

Description: Hugger Scuba all colors
Assortment: - Purchase Order Number: -
SKU/style No.: - Toy Co./Agency: -
Factory/Supplier/Vendor: Numo Manufacturing Country of Origin: United States
Country of Distribution: United States Labeled Age Grade: -
Quantity Submitted: 1 lot Recommended Age Grade: -
Testing Period: 11/23/2013 – 11/28/2013 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 Content in Substrate Materials
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DEHP, DBP, BBP, 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-E1002-08.2 (Non-Metal)]

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	LT 20	LT 20	LT 20	LT 20	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17	---	---	---	---	Limit Total (mg/kg)
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	
Total Pb	LT 20	---	---	---	---	100
Conclusion	PASS	---	---	---	---	

Note:

Pb = Lead
 mg/kg = Milligram per kilogram
 LT = Less Than

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DETAILED RESULTS:

Client's Requirement, Total Cadmium Content in Substrate Materials

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

Specimen No.	1+2+3	4+5+6	7+8+9	10+11+12	13+14+15	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 20	LT 20	LT 20	LT 20	LT 20	40
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17	---	---	---	---	Limit
Test Item	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Result (mg/kg)	Total (mg/kg)
Total Cd	LT 20	---	---	---	---	40
Conclusion	PASS	---	---	---	---	

Note:

Cd = Cadmium
 mg/kg = Milligram per kilogram
 LT = Less Than

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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+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnOP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DINP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17	---	---	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	---	---	---	---	0.1
BBP	LT 0.012	---	---	---	---	0.1
DEHP	LT 0.012	---	---	---	---	0.1
DnOP	LT 0.012	---	---	---	---	0.1
DINP	LT 0.012	---	---	---	---	0.1
DIDP	LT 0.012	---	---	---	---	0.1
Conclusion	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
 % w/w = Percentage by weight
 LT = Less Than

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DETAILED RESULTS:

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

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+6	7+8+9	10+11+12	13+14+15	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
BBP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DEHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DIDP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
DnHP	LT 0.012	LT 0.012	LT 0.012	LT 0.012	LT 0.012	0.1
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	16+17	---	---	---	---	Limit (% w/w)
Test Item	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	Result (% w/w)	
DBP	LT 0.012	---	---	---	---	0.1
BBP	LT 0.012	---	---	---	---	0.1
DEHP	LT 0.012	---	---	---	---	0.1
DIDP	LT 0.012	---	---	---	---	0.1
DnHP	LT 0.012	---	---	---	---	0.1
Conclusion	PASS	---	---	---	---	

Note:

DBP = Dibutyl phthalate; BBP = Benzyl butyl phthalate; DEHP = Di-(2-ethylhexyl) phthalate
 DIDP = Diisodecyl phthalate; DnHP = Di-n-hexyl phthalate
 %w/w = Percentage by weight
 LT = Less Than

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Blue fabric	Cover of Hugger Scuba
2	Deep blue fabric	Cover of Hugger Scuba
3	Purple fabric	Cover of Hugger Scuba
4	Red fabric	Cover of Hugger Scuba
5	Orange fabric	Cover of Hugger Scuba
6	Deep orange fabric	Cover of Hugger Scuba
7	Yellow fabric	Cover of Hugger Scuba
8	Green fabric	Cover of Hugger Scuba
9	Deep green fabric	Cover of Hugger Scuba
10	Black fabric	Cover of Hugger Scuba
11	White fabric	Cover of Hugger Scuba
12	Reddish brown fabric	Cover of Hugger Scuba
13	Grey fabric	Cover of Hugger Scuba
14	Black net fabric	Backing of Hugger Scuba
15	Shiny black net fabric	Backing of Hugger Scuba
16	Deep grey foam	Foam of Hugger Scuba
17	Grey foam	Foam of Hugger Scuba

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SAMPLE PHOTO:



-End Report-

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