



TEST REPORT

Test Report # 18H-000251 Date of Report Issue: January 16, 2018
 Date of Sample Received: January 10, 2018 Pages: Page 1 of 12

CLIENT INFORMATION:

Company: BIC Graphic
 Recipient: 14421 Myerlake Circle
 Clearwater
 Florida
 33760
 United States (USA)



SAMPLE INFORMATION:

Description: 2 Tone Captain's Chair
 Assortment: - Test Request Form No.: 1720
 Item No.: 26088 Country of Origin: China
 Shipment Order No.: PO 7047363 Labeled Age Grade: -
 Country of Distribution: United States, Canada Recommended Age Grade: -
 Quantity Submitted: 1 pc per style + 1 lot Parts Tested Age Grade: -
 Testing Period: 01/10/2018 – 01/16/2018

OVERALL RESULT:

PASS

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

ANSECO GROUP (HK) LIMITED

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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 101 & 16 CFR 1303, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Paints and Surface Coatings
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	CPSIA Section 108, Phthalates – Mouthable (DBP, BBP, DEHP, DnOP, DINP, DIDP)
PASS	California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)
PASS	Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 23 Total Lead and Mercury in Paints and Surface Coatings
PASS	Client's Stability and Loading Test [#]

**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.	4a	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (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 = 10 ppm)

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
4a	Black coating	Black steel frame (all styles)

**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.	4a	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (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 = 10 ppm)

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

Remark:

The specification is quoted from client's requirement.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
4a	Black coating	Black steel frame (all styles)

**DETAILED RESULTS:****California Proposition 65, Total Lead in Metal / Plastic / Textile**

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	4b	5	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	16	ND	ND	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6	7	8	9	10	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	19	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11	12	13	14	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	25	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 = 10 ppm)

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

Remark:

The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black PVC	Black plastic grommets (arm round) (all styles)
2	Black net textile	Black mesh holder (all styles)
3	Black plastic	Black plastic grommets (square) (all styles)
4b	Silvery metal	Black steel frame (all styles)
5	Dull black plastic	Black plastic legs support (all styles)
6	Multicolor knitted textile with soft black plastic backing	Blue 600D Polyester chair fabric (blue style)
7	Multicolor knitted textile with soft black plastic backing	Gray 600D Polyester chair fabric (black style)
8	Black textile	Black trim (all styles)
9	Matt black plastic	Black plastic pocket rings (all styles)
10	Dull black textile	Black webbing carrying bag strap (all styles)
11	Off black plastic	Black plastic draw-string adjuster (all styles)
12	Matt black textile	Black draw-string (all styles)
13	Blue textile	Blue 210D polyester carrying bag fabric (blue style)
14	Bright black textile	Gray 210D polyester carrying bag fabric (black style)

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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	3	6	7	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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
Di-n-octyl phthalate (DnOP)	117-84-0	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
Conclusion		PASS	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 = 100 ppm)

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Black PVC	Black plastic grommets (arm round) (all styles)
3	Black plastic	Black plastic grommets (square) (all styles)
6	Multicolor knitted textile with soft black plastic backing	Blue 600D Polyester chair fabric (blue style)
7	Multicolor knitted textile with soft black plastic backing	Gray 600D Polyester chair fabric (black style)

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**DETAILED RESULTS:****California Proposition 65, Phthalates (DBP, BBP, DEHP, DINP, DIDP, DnHP)**

Test Method: CPSC-CH-C1001-09.3

Analytical Method: Gas Chromatography with Mass Spectrometry

Specimen No.		1	3	6	7	Limit (ppm)
Test Item	CAS No.	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
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:

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

LT = Less than

ND = Not detected (Reporting Limit = 100 ppm)

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

Remark:

The specification is quoted from client's requirement.

**SPECIMEN DESCRIPTION:**

Specimen No.	Specimen Description	Location
1	Black PVC	Black plastic grommets (arm round) (all styles)
3	Black plastic	Black plastic grommets (square) (all styles)
6	Multicolor knitted textile with soft black plastic backing	Blue 600D Polyester chair fabric (blue style)
7	Multicolor knitted textile with soft black plastic backing	Gray 600D Polyester chair fabric (black style)

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**DETAILED RESULTS:****Canadian Toys Regulations SOR/2011-17 as Amended by SOR/2016-195 & SOR/2016-302, Item 23 Total Lead and Mercury in Paints and Surface Coatings**

Test Method: ASTM F963-16 Clause 8.3.1

Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	4a	---	---	---	---	Total Limit (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	---	---	---	---	90
Total Mercury (Hg)	ND	---	---	---	---	10
Conclusion	PASS	---	---	---	---	

Note:

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

LT = Less than

ND = Not detected (Reporting Limit = 10 ppm)

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
4a	Black coating	Black steel frame (all styles)



DETAILED RESULTS:

Client’s Stability and Loading Test#

Test	Criteria	Observation	Conclusion
<p>Front Stability (Chair) (In-house Method)</p> <p>The sample shall be obstructed by 1 in. bar placed against the sample’s front support members. A downward pulling force is then applied at an angle of 45 to the test platform until the sample tips forward</p>	<p>The tipping force shall not be less than 40% of the total samples weights</p>	<p>Weight of chair: 5.3lbs. 40% of the total weight: 2.1lbs. Tipping force: 2.6 lbs.</p>	<p>PASS</p>
<p>Rearward Stability (In-house Method)</p> <p>Min 30 lbs. pulling force when a 173 lbs. weight is placed on the seat (strap), tipping force is measured as pulled reward against 1 in. obstruction</p>	<p>The tipping force shall be min 30 lbs.</p>	<p>No tipping observed when 30 lbs. force applied.</p>	<p>PASS</p>
<p>Seat Static Loading (In-house Method)</p> <p>Static load of 300 lbs. at the center of seating area for 1 minute</p>	<p>Shall not exceed 1/4 in. deformation and/or loss of function /or exhibit structure failure</p>	<p>No deformation, loss of function and structure failure.</p>	<p>PASS</p>



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SAMPLE PHOTO:



-End Report-

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