AT-1500

TEST REPORT

Test Report #	17H-000811	Date of Report Issue:	February 9, 2017
Date of Sample Received:	February 3, 2017	Pages:	Page 1 of 12

CLIENT INFORMATION:

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

SAMPLE INFORMATION:

Description:	2-1/8" Tees, 2-3/4" Tees, 3-1/4" Tees		
Assortment:	-	Purchase Order Number:	8017
Item No.:	60484, 60487, 60791, 10127, 60231, 60232, 60792, 60793, 60794, 61302, 61303, 61306, 61309, 62182, 62183, 62184, 62185	Country of Origin:	United States
Country of Distribution:	United States, Canada	Labeled Age Grade:	-
Quantity Submitted:	6 pcs (Natural), 5 pcs (Pink, Red, Orange, Yellow, Dark green, Dark blue, Purple, Cranberry, Black, White, Gold)	Recommended Age Grade:	-
Testing Period:	02/03/2017 – 02/09/2017	Tested Age Grade:	-

OVERALL RESULT: **PASS**

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

ANSECO GROUP (HK) LIMITED

Loska Yeung Lok Ka
Leader, Chemical Laboratory

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 Substrate Materials
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

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.	1a	2a	3a	4a	5a	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6a	7a	8a	9a	10a	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11a	---	---	---	---	**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
1a	Black coating	Black birch wood tee (black style)
2a	Dark blue coating	Dark blue birch wood tee (dark blue style)
3a	Dark green coating	Dark green birch wood tee (dark green style)
4a	Purple coating	Purple birch wood tee (purple style)
5a	Orange coating	Orange birch wood tee (orange style)
6a	Red coating	Red birch wood tee (red style)
7a	White coating	White birch wood tee (white style)
8a	Yellow coating	Yellow birch wood tee (yellow style)
9a	Pink coating	Citrus pink birch wood tee (pink style)
10a	Brown coating	Cranberry birch wood tee (cranberry style)
11a	Golden coating	Gold birch wood tee (gold style)

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.	1a	2a	3a	4a	5a	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6a	7a	8a	9a	10a	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11a	---	---	---	---	**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 = 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
1a	Black coating	Black birch wood tee (black style)
2a	Dark blue coating	Dark blue birch wood tee (dark blue style)
3a	Dark green coating	Dark green birch wood tee (dark green style)
4a	Purple coating	Purple birch wood tee (purple style)
5a	Orange coating	Orange birch wood tee (orange style)
6a	Red coating	Red birch wood tee (red style)
7a	White coating	White birch wood tee (white style)
8a	Yellow coating	Yellow birch wood tee (yellow style)
9a	Pink coating	Citrus pink birch wood tee (pink style)
10a	Brown coating	Cranberry birch wood tee (cranberry style)
11a	Golden coating	Gold birch wood tee (gold style)

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.	1b	2b	3b	4b	5b	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6b	7b	8b	9b	10b	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	ND	ND	ND	**100**
Conclusion	PASS	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 No. 1b (Black birch wood tee (black style)) is same material as Specimen No. 12.
Specimen No. 2b (Dark blue birch wood tee (dark blue style)) is same material as Specimen No. 12.
Specimen No. 3b (Dark green birch wood tee (dark green style)) is same material as Specimen No. 12.
Specimen No. 4b (Purple birch wood tee (purple style)) is same material as Specimen No. 12.
Specimen No. 5b (Orange birch wood tee (orange style)) is same material as Specimen No. 12.
Specimen No. 6b (Red birch wood tee (red style)) is same material as Specimen No. 12.
Specimen No. 7b (White birch wood tee (white style)) is same material as Specimen No. 12.
Specimen No. 8b (Yellow birch wood tee (yellow style)) is same material as Specimen No. 12.
Specimen No. 9b (Citrus pink birch wood tee (pink style)) is same material as Specimen No. 12.
Specimen No. 10b (Cranberry birch wood tee (cranberry style)) is same material as Specimen No. 12

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.	11b	12	---	---	---	**Total Limit (ppm)**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Lead (Pb)	ND	ND	---	---	---	**100**
Conclusion	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 No. 11b (Gold birch wood tee (gold style)) is same material as Specimen No. 12.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1b	Brown natural wood	Black birch wood tee (black style)
2b	Brown natural wood	Dark blue birch wood tee (dark blue style)
3b	Brown natural wood	Dark green birch wood tee (dark green style)
4b	Brown natural wood	Purple birch wood tee (purple style)
5b	Brown natural wood	Orange birch wood tee (orange style)
6b	Brown natural wood	Red birch wood tee (red style)
7b	Brown natural wood	White birch wood tee (white style)
8b	Brown natural wood	Yellow birch wood tee (yellow style)
9b	Brown natural wood	Citrus pink birch wood tee (pink style)
10b	Brown natural wood	Cranberry birch wood tee (cranberry style)
11b	Brown natural wood	Gold birch wood tee (gold style)
12	Brown natural wood	Natural birch wood tee (natural style)

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 F963-11 Clause 8.3.1
Analytical Method: Inductively Coupled Plasma-Optical Emission Spectrometry

Specimen No.	1a	2a	3a	4a	5a	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Total Mercury (Hg)	ND	ND	ND	ND	ND	**10**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	6a	7a	8a	9a	10a	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (ppm)**
Total Lead (Pb)	ND	ND	ND	ND	ND	**90**
Total Mercury (Hg)	ND	ND	ND	ND	ND	**10**
Conclusion	PASS	PASS	PASS	PASS	PASS	

Specimen No.	11a	---	---	---	---	**Total**
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	**Limit (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
1a	Black coating	Black birch wood tee (black style)
2a	Dark blue coating	Dark blue birch wood tee (dark blue style)
3a	Dark green coating	Dark green birch wood tee (dark green style)
4a	Purple coating	Purple birch wood tee (purple style)
5a	Orange coating	Orange birch wood tee (orange style)
6a	Red coating	Red birch wood tee (red style)
7a	White coating	White birch wood tee (white style)
8a	Yellow coating	Yellow birch wood tee (yellow style)
9a	Pink coating	Citrus pink birch wood tee (pink style)
10a	Brown coating	Cranberry birch wood tee (cranberry style)
11a	Golden coating	Gold birch wood tee (gold style)

SAMPLE PHOTO:

-End Report-