

TEST REPORT

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

Test Report # 15H-01759
Date of Issue: April 28, 2015
Pages: Page 1 of 8
Date Received: April 20, 2015

SAMPLE INFORMATION:

Description: Plastic Screwdriver Keylight
Assortment: - Purchase Order Number: 5267
Item No.: 21163 Country of Origin: China
Country of Distribution: United States, Canada Labeled Age Grade: -
Sample Submitted: 2 pcs per style Recommended Age Grade: -
Testing Period: 04/20/2015 – 04/28/2015 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 & 16 CFR 1303, Total Lead in Paints & Surface Coatings
PASS	California Proposition 65, Total Lead in Paints & Surface Coatings
PASS	California Proposition 65, Total Lead in Metal / Plastic / Textile
PASS	US Public Law 104-142 Title II, Mercury-Containing Battery Management Act [#]
PASS	Canadian Toys Regulations (SOR/2011-17) Item 23, Total Lead and Mercury in Surface Coating Materials

ANSECO GROUP (HK) LIMITED



Vincent Chow Wai Kit
Manager, Chemical Laboratory

*The test result(s) and conclusion(s) in this report relate to the sample(s) tested as described herein.
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DETAILED RESULTS:

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

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced regulations. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	2a	---	---	---	---	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	---	---	---	---	90
Conclusion	PASS	---	---	---	---	

Note:

Pb = Lead

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

LT = Less than

ND = Not detected (Reporting Limit = 10ppm)

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

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
2a	Silvery coating	Silver PS plastic body (all styles)

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DETAILED RESULTS:

California Proposition 65, Total Lead in Paints & Surface Coatings

Analysis performed by Inductively Coupled Plasma-Optical Emission Spectrometry to determine compliance with the above referenced regulation. [Referenced Test Method: CPSC-CH-E-1003-09.1]

Specimen No.	2a	---	---	---	---	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	---	---	---	---	90
Conclusion	PASS	---	---	---	---	

Note:

Pb = Lead

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

LT = Less than

ND = Not detected (Reporting Limit = 10ppm)

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

Remark:

The limit is quoted from client's requirement.

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
2a	Silvery coating	Silver PS plastic body (all styles)

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DETAILED RESULTS:

California Proposition 65, Total Lead in Metal / Plastic / Textile

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	2b	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	8	9	10	Limit Total (ppm)
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	
Total Pb	ND	ND	12	ND	ND	100
Conclusion	PASS	PASS	PASS	PASS	PASS	

Note:

Pb = Lead

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

LT = Less than

ND = Not detected (Reporting Limit = 10ppm)

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

Remark:

The limit is quoted from client's requirement.

Specimen #4 Black PS plastic (black style) is same material as specimen #2b.

Specimen #10 Black plastic on/off slider (all styles) is same material as specimen #2b.

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SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
1	Silvery metal	Silver iron keyring (all styles)
2b	Black plastic	Silver PS plastic body (all styles)
3	Dull silvery metal	Silver iron chain (all styles)
4	Black plastic	Black PS plastic (black style)
5	Blue plastic	Blue PS plastic (blue style)
6	Red plastic	Red PS plastic (red style)
7	Orange plastic	Orange PS plastic (orange style)
8	Matt silvery metal	Silver metal tool tips (all styles)
9	Dull black plastic	Black plastic tool compartment (all styles)
10	Black plastic	Black plastic on/off slider (all styles)

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DETAILED RESULTS:

US Public Law 104-142 Title II, Mercury-Containing Battery Management Act

Analysis performed by Atomic Absorption Spectrometry with Cold-Vapor Technique to determine compliance with the above referenced regulation. [Referenced Test Method: ANSECO Method[#]]

Batteries

Specimen No.	11	---	---	---	---	Limit Total (mg/cell)
Test Item	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	Result (mg/cell)	
Total Hg	2.5	---	---	---	---	25
Conclusion	PASS	---	---	---	---	

Note:

Hg = Mercury

mg/cell = Milligrams per cell

LT = Less than

ND = Not detected (Reporting Limit = 1mg/cell)

SPECIMEN DESCRIPTION:

Specimen No.	Specimen Description	Location
11	Silvery button cell	Battery (all styles)

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DETAILED RESULTS:

Canadian Toys Regulations (SOR/2011-17) Item 23, Total Lead and Mercury in Surface Coating 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.	2a	---	---	---	---	Limit
Test Item	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Result (ppm)	Total (ppm)
Total Pb	ND	---	---	---	---	90
Total Hg	ND	---	---	---	---	10
Conclusion	PASS	---	---	---	---	

Note:

Pb = Lead; Hg = Mercury

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

LT = Less than

ND = Not detected (Reporting Limit = 10ppm)

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

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SAMPLE PHOTO:



-End Report-

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