



Test Report

Number: SZHH01114850

Applicant: SPECTOR & CO
5700 KIERAN ROAD MONTREAL, QC,
CANADA, H4S2B5

Date: Dec 20, 2016

Attn: LAVINA DA SILVA

Sample Description:

Six (6) sets of submitted sample said to be :

Item Name : **Pamela.**
Item No. : **G1285 (Black, Blue, Red, Green, Orange, Grey).**
P. O. No. : 31339,69098.
Manufacture : USX009.
Country of Destination : Canada, USA.
Country of Origin : China.
Date Sample Received : Dec 12, 2016.



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.

Ben N.L. Lin
General Manager



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Intertek Testing Services Shenzhen Ltd.- Hardlines

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Attention is drawn to the terms and conditions printed overleaf.



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Conclusion:

<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted sample sets	U.S. CFR Title 16 Part 1303 total Lead content	Pass
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	See Comment
	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	See Comment
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108 requirement on phthalate	See Comment
	Consent Judgment No. CV-230462 on phthalate content based on the California Proposition 65	Pass

<u>Tested Sample</u>	<u>Test Item</u>	<u>Result</u>
Tested components of submitted sample sets	Di-n-hexyl phthalate (DnHP) Content	See Test Conducted

Comment:

The testing scope of the standards were not applicable to the submitted samples. However, the test results of the tested components met the related requirements as stated in this report.

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Tests Conducted

1 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm) θ	Reporting Limit (ppm)	Limit (ppm)
	Tested Component		
	(1),(2)		
Lead (Pb)	ND	10	90

ppm = parts per million = mg/kg

ND = Not detected

 θ = Single result for each test component/group

Tested components: See component list in the last section of this report

2 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

With reference to Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm)			Reporting Limit (ppm)	Limit (ppm)
	Tested Component				
	(9)	(10)	(18)		
Lead (Pb)	54	48	45	10	100

Element	Result (ppm) θ	Reporting Limit (ppm)	Limit (ppm)
	Tested Component		
	(3+4+5),(6+7+8),(11),(12+13+14),(15+16),(17)		
Lead (Pb)	ND	10	100

ppm = parts per million = mg/kg

ND = Not detected

 θ = Single result for each test component/group

Tested components: See component list in the last section of this report



Tests Conducted

3 Phthalate Content

As per CPSC-CH-C1001-09.3, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%) θ	Reporting Limit (%)	Limit (%)
	Tested component		
	(1),(2),(3+4+5),(6+7+8),(9+10+11), (12+13+14),(15+16),(17+18)		
Dibutyl phthalate (DBP)	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.01	0.1
Di-n-octyl phthalate (DNOP)	ND	0.01	0.1
Di-iso-decyl phthalate (DIDP)	ND	0.01	0.1

The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

ND = Not detected

θ = Single result for each test component/group

Tested Components: See component list in the last section of this report

4 Phthalate Content

With reference to CPSC-CH-C1001-09.3 and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%) θ	Reporting limit (%)	Limit (%)
	Tested component		
	(1),(2),(3+4+5),(6+7+8),(9+10+11), (12+13+14),(15+16),(17+18)		
Dibutyl phthalate (DBP)	ND	0.01	0.1
Diethyl hexyl phthalate (DEHP)	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.01	--

The above limit was quoted from the Consent Judgment No. CV-230462 settled by superior court of the State of California for the county of Santa Clara, for stationery based on the California Proposition 65.

ND = Not detected

θ = Single result for each test component/group

Tested Components: See component list in the last section of this report



Tests Conducted

5 Di-n-hexyl phthalate (DnHP) Content

By solvent extraction and followed by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

Test item	Result (%) θ	Reporting limit (%)
	Tested component	
	(1),(2),(3+4+5),(6+7+8),(9+10+11), (12+13+14),(15+16),(17+18)	
Di-n-hexyl phthalate (DnHP)	ND	0.01

ND = Not detected

θ = Single result for each test component/group

Tested Components: See component list in the last section of this report

Component list:

- (1) Silver plated coating on plastic (tip cap, barrel band, push button).
- (2) Blue ink (refill of all styles).
- (3) Grey plastic (refill of all styles).
- (4) White plastic (thrust tube of all styles).
- (5) White plastic (barrel of all styles).
- (6) Dull grey plastic excluding coating (tip cap, barrel band, push button of all styles).
- (7) Blue plastic (pad of blue style).
- (8) Blue plastic (clip of blue style).
- (9) Grey plastic (pad of grey style).
- (10) Grey plastic (clip of grey style).
- (11) Black plastic (pad of black style).
- (12) Black plastic (clip of black style).
- (13) Green plastic (pad of green style).
- (14) Green plastic (clip of green style).
- (15) Orange plastic (pad of orange style).
- (16) Orange plastic (clip of orange style).
- (17) Gold color metal (spring of all styles).
- (18) Silver color metal (metal ball, point of refill of all styles).

End of report

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