

Date:

Dec 09, 2016

Applicant: SPECTOR & CO

5700 KIERAN ROAD, ST. LAURENT, QUEBEC,

CANADA H4S 2B5

LAVINA DA SILVA Attn:

Sample Description:

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

1141 (Black, Charcoal, Pink, Light Gold, White, Silver). Item No.

P.O.No. 31369. Manufacturer USS049. Country of Destination Country of Origin Canada, USA. China. Date Sample Received



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

> Page 1 of 7



Conclusion:

Tested Sample Tested components of submitted samples

Standard

U.S. CFR Title 16 Part 1303 total Lead content

Result Pass

U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in

surface coating

U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in

Non-surface coating materials (substrate)

US Consumer Product Safety Improvement Act

**Pass** 

2008 Title I, Sec 108 requirement on phthalate

See comment

See comment

Test Item

Di-n-hexyl phthalate (DnHP) Content

See Test Conducted

Tested Sample Tested components of submitted samples

Standard

Consent Judgment No. CV-230462 on phthalate content based on the California Proposition 65

Result Pass

### 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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> Page 2 of 7

Attention is drawn to the terms and conditions printed overleaf.



**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.

	Result (ppm) θ	Reporting	Limit
<u>Element</u>	Tested Component	<u> Limit</u>	<u>Limit</u> (ppm)
	(1),(2+3+4),(5+6+7),(8)	<u>(ppm)</u>	<u>(ppiii)</u>
Lead (Pb)	ND	10	90

ppm = parts per million = mg/kg ND = Not detected  $\theta$  = Single result for each test component/group

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



**Tests Conducted** 

#### 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.

	Result (ppm)	Reporting	Limit
Element	Tested Component	<u> Limit</u>	<u>Limit</u> (ppm)
	<u>(19)</u>	<u>(ppm)</u>	<u>(ppiii)</u>
Lead (Pb)	32	10	100

	Result (ppm) θ	Reporting	Limit
<u>Element</u>	Tested Component	<u>Limit</u>	Limit
	(9+10+11),(12+13+14),(15),(16+17+18)	<u>(ppm)</u>	<u>(ppm)</u>
Lead (Pb)	ND	10	100

ppm = parts per million = mg/kg ND = Not detected

 $\theta$  = 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.

<u>Test item</u>	Result (%) θ Tested component (1),(2+3+4),(5+6+7),(8),(9+10+11), (12+13+14),(15)	Reporting Limit (%)	Limit (%)
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

 $\theta$  = Single result for each test component/group

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



**Tests Conducted** 

# 4 <u>Di-n-hexyl phthalate (DnHP) Content</u>

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

<u>Test item</u>	Result (%) 0 Tested component (1),(2+3+4),(5+6+7),(8),(9+10+11), (12+13+14),(15)	Reporting limit (%)
Di-n-hexyl phthalate (DnHP)	ND	0.01

ND = Not detected

 $\theta$  = Single result for each test component/group

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

# 5 Phthalate Content

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

Test item	Result (%) 0 <u>Tested component</u> (1),(2+3+4),(5+6+7),(8),(9+10+11), (12+13+14),(15)	Reporting limit (%)	Limit (%)
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

 $\theta$  = Single result for each test component/group

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





**Tests Conducted** 

### Component list:

- Black ink (penpoint of all styles).
- Silver-grey coating on metal (barrel of silver-grey style).
- Red coating on metal (barrel of red style).
- (4) Dark red coating on metal (barrel of dark red style).
- Blue coating on metal (barrel of blue style). Green coating on metal (barrel of green style). (S)
- (6)
- (7)Silver color coating on metal (barrel of silver color style).
- (8) Bright silver color coating on plastic (push button, tip cap of all styles).
- Black plastic (push button of all styles).
- (10) Brown plastic excluding coating (push button, tip cap of all styles).
- (11) Black plastic (barrel of all styles).
- (12) Black plastic with transparent plastic film (barrel of all styles).
- (13) Silver-grey plastic (refill of all styles).
- (14) Black plastic (thrust tube of all styles).
- (15) White plastic (thrust tube of all styles).
- (16) Dull silver color metal (clip of all styles).
- (17) Dull silver color metal excluding coating (barrel of all styles).
- (18) Silver color metal (spring of all styles).(19) Silver color metal (penpoint of all styles).

End of report

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