

Test Report Number: SZHH01098260

Date:

Oct 17, 2016

Applicant: SPECTOR & CO

5700 KIERAN ROAD, MONTREAL, QC,

CANADA H4S 2B5

LAVINA DA SILVA Attn:

Sample Description:

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

1135 (Orange, Blue, Green, Red, Gunmetal, Chrome). Item No.

P.O.No. 68956. 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 5

Attention is drawn to the terms and conditions printed overleaf.



Test Report Number: SZHH01098260

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

Pass

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

Pass

surface coating materials (substrate)

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

Test Item

Di-n-hexyl phthalate (DnHP) Content

See test conducted

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

As requested by the applicant, phthalate test was conducted only on components listed in this report. Other components were not tested.

Authorized by:

For Intertek Testing Services

Shenzhen Ltd.

Ben N.L. Lin General Manager

> Page 2 of 5



Test Report Number: SZHH01098260

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.

<u>Element</u>	Result (ppm) θ Tested Component	Reporting Limit	<u>Limit</u> (ppm)
	<u>(1+2+3),(4+5+6)</u>	<u>(ppm)</u>	<u>(ppiii)</u>
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.

	Result (ppm)	Reporting	Limit
<u>Element</u>	Tested Component	Limit	Limit (ppm)
	<u>(14)</u>	<u>(ppm)</u>	(ppm)
Lead (Pb)	32	10	100

	Result (ppm) θ	Reporting	Limit
<u>Element</u>	<u>Tested Component</u>	<u> Limit</u>	<u>Limit</u>
	(7+8+9),(10+11+12),(13),(15),(16)	<u>(ppm)</u>	(ppm)
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





Test Report Number: SZHH01098260

Tests Conducted

3 Phthalate Content

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

Test item	Result (%) θ Tested component (1+2+3),(4+5+6),(7+8+9), (10+11+12),(13)	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

 θ = Single result for each test component/group

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

4 Phthalate Content

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

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

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





Test Report Number: SZHH01098260

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 (%) 0 <u>Tested component</u> (1+2+3),(4+5+6),(7+8+9),(10+11+12),(13)	Reporting limit (%)
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:

- Red coating on plastic (barrel and clip of red style)
- (2) (3) (4) (5) Green coating on plastic (barrel and clip of green style)
- Blue coating on plastic (barrel and clip of blue style)
- Orange coating on plastic (barrel and clip of orange style)
- Grey coating on plastic (barrel and clip of grey style)
- (6) Silver color coating on plastic (barrel and clip of silver color style, tip cap of all styles)
- Grey plastic excluding coating (tip cap of all styles)
- White plastic excluding coating (barrel and clip of grey style, green style and orange style) Grey plastic excluding coating (barrel and clip of blue style, red style and silver color style) (8)
- (9)
- (10)White plastic (inner cap of grey style)
- Grey plastic (inner cap of red style, silver color style, orange style, blue style and green style) (11)
- Black plastic (top of pen of all styles) (12)
- Black plastic (pad of pen of all styles) (13)
- (14)Silver color metal (barrel band of all styles)
- (15)Gold color metal (spring)
- (16)Silver color metal (spring)

End of report

This report is made solely on the basis of your instructions and/or information and materials supplied by you. It is not intended to be a recommendation for any particular course of action. Intertek does not accept a duty of care or any other responsibility to any person other than the Client in respect of this report and only accepts liability to the Client insofar as is expressly contained in the terms and conditions governing Intertek's provision of services to you. Intertek makes no warranties or representations either express or implied with respect to this report save as provided for in those terms and conditions. We have aimed to conduct the review on a diligent and careful basis and we do not accept any liability to you for any loss arising out of or in connection with this report, in contract, tort, by statute or otherwise, except in the event of our gross negligence or wilful misconduct



Attention is drawn to the terms and conditions printed overleaf.