



Test Report

Report No.:HSTR17090033TB

Date: Sep 13, 2017

Leo Paper Products Ltd.

Level 9, Telford House, 16 Wang Hoi Road, Kowloon Bay, Kowloon, Hong Kong

Heshan Astros Printing Ltd

Xuantan Temple Industry District Gu Lao Town Heshan City Guangdong Province China

Sample and Information Supplied By Client As:

Item name by client : NY15222 LOBLOLLY BB

Sample description by lab : 5 pcs paperboard book

SKU/JOB NO. : S1718834

Quantity of sample : 5 Pieces

Request age grading : 0-3 YEARS

Exported to : US/Canada/ EU

Age Group Assessed As : 0-3 YEARS

Tested age : 0-3 YEARS

Per Age Guideline

Sample receiving date : Sep 7, 2017

Testing period : Sep 7, 2017 - Sep 13, 2017

Test Request

Conclusion

Canada Toys Regulations SOR/2011-17

- Mechanical and physical hazardous

PASS

- Flammability of cellulose nitrate

PASS

- Section 23 for toxic elements test

PASS

- Canada Phthalates Regulations SOR/2016-188

PASS

For further details, please refer to the following page(s)

Signed For And On Behalf Of LEO MTS Co Ltd.:

Youshan Rao
Supervisor

RuiRong Liang
Supervisor



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Tests Conducted :

1. Mechanical and physical hazardous

As per Canada Consumer Product Safety Act Toys Regulation SOR/2011-17

Section	Description	Result
Mechanical Hazards		
7	Small parts	Pass

Test Methods

Test Method Section	Description	Result
M00.1	Small Components	Pass
M00.2	Sharp Edges	Pass
M00.3	Sharp Points	Pass
M01.1	Reasonable Foreseeable Use	Pass

2. Flammability of cellulose nitrate

Ref: Canadian Toys Regulations SOR/2011-17 Section 21.

Requirement Reference	Observation	Result
Section 21	No Flash Effect	Pass

3. Toxic Elements Analysis

As per Canada Toys Regulation SOR/2011-17 Section 23 for toxic elements test, with reference to CPSC-CH-E1003-09.1 and Method C03, analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer.

Element	Result In (mg/kg)	MDL (mg/kg)	Limit (mg/kg)
	(1)		
Total Lead (Pb)	ND	10	90
Total Mercury (Hg)	ND	5	10
Soluble Barium (Ba)	ND	50	1000
Soluble Antimony (Sb)	ND	50	1000
Soluble Cadmium (Cd)	ND	50	1000
Soluble Arsenic (As)	ND	50	1000
Soluble Selenium (Se)	ND	50	1000

Remark:

- ND = Not Detected (Lower Than MDL)
- mg/kg = milligram per kilogram



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4. Phthalates Content (Canada Phthalates Regulations SOR/2016-188)

The specimen is extracted with method of CPSC-CH-C1001-09.3, and analyzed by Gas Chromatography / Mass Spectrometry.

Test Items		Result In (%)	Detection Limit	Limit
		(1)		
Dibutyl Phthalate	DBP	ND	0.005%	0.1%
Benzyl Butyl Phthalate	BBP	ND	0.005%	0.1%
Bis-(2-Ethylhexyl) Phthalate	DEHP	ND	0.005%	0.1%
Di-“Isononyl” Phthalate	DINP	ND	0.010%	0.1%
Di-N-Octyl Phthalate	DNOP	ND	0.010%	0.1%
Di-“Isodecyl” Phthalate	DIDP	ND	0.010%	0.1%

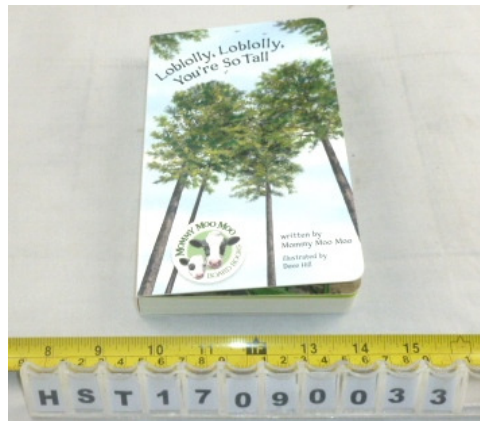
Note:

- ND = Not Detected (Lower Than Detection Limit)
- % = Percentage By Weight

Tested components:

- (1) Multi-color coating on paperboard of book

Sample Photo:



*****End Of Report*****

Note:

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