

## Test Report

No.: SZTYR110104618LP

Date: JAN 31, 2011

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LEO PAPER BAGS MANUFACTURING (1982) LTD.  
LEVEL 36, TOWER 1, ENTERPRISE SQUARE FIVE  
(MEGABOX), 38 WANG CHIU ROAD,  
KOWLOON BY, KOWLOON


The following samples were submitted and identified by/on behalf of the client as: COLOR ON

Request Age Grading : 3+ YEARS  
Sample Receiving Date : JAN 28, 2011  
Testing Period : JAN 28, 2011 TO JAN 30, 2011

Test Requested	Result
1) Determination of specified phthalates contents in the submitted composite samples in accordance with Entries 51 and 52 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 2005/84/EC).	PASS
2) Determination of the Cadmium content in the submitted samples in accordance with entry 23 of Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006 (previously restricted under Directive 91/338/EEC).	PASS

\*\*\*\*\* For Further Details, Please Refer to the Following Page(s) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Qu Ping, Kiky  
Section Head

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### Results:

#### 1) Phthalates contents

Method: With reference to CPSC-CH-C1001-09.3. Analysis was performed by Gas Chromatography /Mass Spectrometry.

Test items		1	2	3	4	Detection Limit
Dibutyl phthalate	(DBP)	N.D.	N.D.	N.D.	N.D.	0.003%
Benzyl butyl phthalate	(BBP)	N.D.	N.D.	N.D.	N.D.	0.003%
Bis-(2-ethylhexyl) phthalate	(DEHP)	N.D.	N.D.	N.D.	N.D.	0.003%
Di-"isononyl" phthalate	(DINP)	N.D.	N.D.	N.D.	N.D.	0.010%
Di-n-octyl phthalate	(DNOP)	N.D.	N.D.	N.D.	N.D.	0.003%
Di-"isodecyl" phthalate	(DIDP)	N.D.	N.D.	N.D.	N.D.	0.010%
Total (DBP+BBP+DEHP)		N.D.	N.D.	N.D.	N.D.	-
Total (DINP+DNOP+DIDP)		N.D.	N.D.	N.D.	N.D.	-
Conclusion (for EU requirement)		Pass	Pass	Pass	Pass	-

#### Specimen Description:

1. Multi-color coating on white paper board (Box)
2. Red plastics (Knob)
3. Blue crayon + Green crayon + Yellow crayon
4. Orange crayon + Red crayon

Note : - N.D. = Not Detected (lower than Detection Limit)  
 - % = percentage by weight  
 - The results shown as N.D. (Not Detected) are ignored in the sum calculation.  
 - Composite test has been performed and the result(s) is (are) calculated using the total sample weight.

#### Remark: Summary of upper limits of requirements:

Requirements	Upper Limit
<b>Regulation (EC) No 552/2009 amending Annex XVII of REACH Regulation (EC) No 1907/2006</b>	
- For all toys and childcare articles	- Total (DBP+BBP+DEHP) ≤ 0.1%
- For toys and childcare articles that can be placed in the mouth	- Total (DINP+DNOP+DIDP) ≤ 0.1%

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**2) Cadmium content**

With reference to EN1122: 2001 method B / EPA 3052: 1996.  
Analysis was performed by Atomic Absorption Spectrometer.

Specimen Description	Cd Result	Limit
1. Multi-color coating on white paper board (Box)	N.D.	0.01%
2. White paper board (Box)	N.D.	0.01%
3. Red plastics (Knob)	N.D.	0.01%
4. White paper w/ black printing (Picture)	N.D.	0.01%
5. Lt. brown paper board (Shaft)	N.D.	0.01%
6. White surfaced grey paper board (Box)	N.D.	0.01%
7. Multi-color printed white paper (Crayon)	N.D.	0.01%
8. Blue crayon	N.D.	0.01%
9. Green crayon	N.D.	0.01%
10. Yellow crayon	N.D.	0.01%
11. Orange crayon	N.D.	0.01%
12. Red crayon	N.D.	0.01%

Note : - N.D. = Not Detected (< 0.0005%)  
- % = percentage by weight

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### Sample Photo:



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