



STC Test Report

Date : 2008-10-18

No. : [REDACTED]

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Applicant (SOC001) :



Description of Samples : Two styles of submitted sample each in two pieces said to be:
[REDACTED] PAPER PRINTED
(see attached photo)
COUNTRY OF ORIGIN: CHINA
COUNTRY OF DESTINATION: GERMANY
AGE GRADING: ALL AGES

Date Samples Received : 2008-09-29

Date Tested : 2008-10-03 to 2008-10-13

Investigation Requested : (1) Toxic element content in accordance with European Standard for Safety of Toys - EN71-3:1994, amendment A1:2000/AC:2002.
(2) Phthalates content in accordance with EU Directive 2005/84/EC for phthalates in toys and childcare articles.

Conclusions : EN71-3:1994, amendment A1:2000/AC:2002
The submitted sample complied with the test requirement.

EU Directive 2005/84/EC: phthalates in toys and childcare article
The submitted sample complied with the test requirement.

CHAN Man-kit, Calvin
Toys & Children's Products Department
For and on behalf of
The Hong Kong Standards and Testing Centre Ltd.

The Hong Kong Standards and Testing Centre Ltd.

10 Dai Wang Street, Taipo Industrial Estate, N.T., Hong Kong
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Test Results :

1. EN71-3:1994, amendment A1:2000/AC:2002 - Part 3: Migration of certain elements
Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Polymeric material

(a) Lamination on 153g Rainbow holographic paper printed: transparent PET

Paper and board

(b) 153g Rainbow holographic paper printed: white paper

Coating material

(c) 153g Rainbow holographic paper printed: shiny pink/blue/black/multicolor

	<u>a</u>	<u>b</u>	<u>c</u>	<u>Limit</u>
Soluble lead.....	<2mg/kg	<2mg/kg	<2mg/kg	90mg/kg
Soluble cadmium.....	<2mg/kg	<2mg/kg	<2mg/kg	75mg/kg
Soluble chromium.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble barium.....	<2mg/kg	<2mg/kg	204mg/kg	1000mg/kg
Soluble antimony.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble arsenic.....	<2mg/kg	<2mg/kg	<2mg/kg	25mg/kg
Soluble mercury.....	<2mg/kg	<2mg/kg	<2mg/kg	60mg/kg
Soluble selenium.....	<2mg/kg	<2mg/kg	2mg/kg	500mg/kg

2. Phthalate content

Ref.: EU Directive 2005/84/EC

Method used: Gas Chromatography Mass Spectrometer

Lamination on 153g Rainbow holographic paper printed: transparent PET

	<u>Result</u>
- Di-n-butyl phthalate (DBP)	Not Detected
- Benzyl-n-butyl phthalate (BBP)	Not Detected
- Di (2-ethylhexyl) phthalate (DEHP)	Not Detected

Requirement: The cumulative total of above phthalates shall not be greater than 0.1% by mass of the plasticised material.

	<u>Result</u>
- Di-n-octyl phthalate (DNOP)	Not Detected
- Diisononyl phthalate (DINP)	Not Detected
- Diisodecyl phthalate (DIDP)	Not Detected

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Requirement: The cumulative total of above phthalates shall not be greater than 0.1% by mass of the plasticised material which can be placed in the mouth by children .

Notes: Method detection limit = 0.01% (w/w)

***** End of Test Report *****

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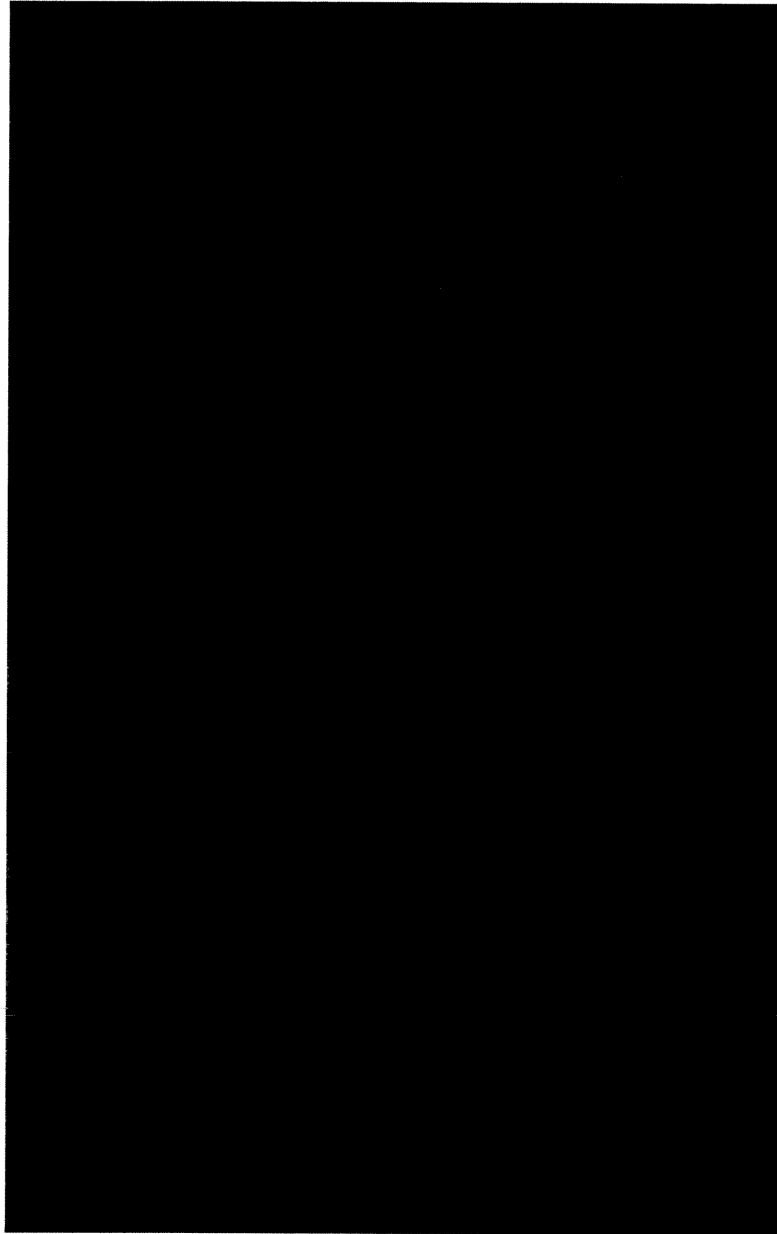
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Appendix for Photos of the Submitted Sample



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