



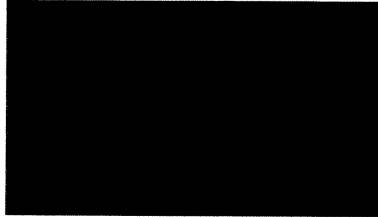
STC Test Report

Date : 2008-08-23

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Applicant (HUH001) :



Description of Samples : Four styles of submitted sample each in four pieces said to be:
LETTER STENCIL BOOK PACK X 4 TITLES:



(see attached photo)

Date Samples Received : 2008-08-07 and 2008-08-15

Date Tested : 2008-08-07 to 2008-08-18

Investigation Requested : Australia/New Zealand Standard Safety of toys
- AS/NZS ISO 8124-1:2002+Amd.1: 2007: safety aspects related to mechanical and physical properties
- AS/NZS ISO 8124-2:2003: flammability
- AS/NZS ISO 8124-3:2003: toxic elements content

Conclusions : AS/NZS ISO 8124-1:2002+Amd.1: 2007: safety aspects related to mechanical and physical properties
The submitted sample complied with the test requirement.

AS/NZS ISO 8124-2: 2003: flammability
The submitted sample complied with the test requirement.

AS/NZS ISO 8124-3:2003: toxic elements content
The submitted sample complied with the test requirement.

WONG Yau-wai, Johnny
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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AGE GRADING:

The sample was appropriately age graded with the marking of "Not suitable for children under 3 years".

AGE GRADING FOR TESTING:

37 months and up.

Test Results :

1. AS/NZS ISO 8124-1:2002+Amd.1:2007 - Part 1: Physical and Mechanical Tests

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4	<u>Requirements</u>	
4.1	Normal use	Pass
4.2	Reasonably foreseeable abuse	Pass*
4.3	<u>Material</u>	
4.3.1	Material quality	Pass
4.6	<u>Edges</u>	
4.6.3	Edges on metal toys	Pass
4.6.4	Edges on moulded toys	Pass
4.7	<u>Points</u>	
4.7.1	Accessible sharp points	Pass
Annex C.2	<u>Safety-labelling guidelines</u>	
Annex C.2.2	Age grading	Pass
Annex C.4	Manufacturer's marking	Pass

* = Reasonably foreseeable abuse test:

<u>Applicable clause</u>	<u>Description</u>	<u>Test Condition</u>
5.24.2	Drop test	93 ± 5 cm 4 times
5.24.5	Torque test	0.45 N.m ± 0.02 N.m or 180°
5.24.6.1	Tension test	70 ± 2 N
5.24.6.2	Integrity test for stuffed toys	70 ± 2 N
5.24.7	Compression test	136 ± 2 N

2. AS/NZS ISO 8124-2:2003 - Part 2: Flammability

<u>Applicable Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General	Pass

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3. AS/NZS ISO 8124-3:2003 - Part 3: Migration of certain elements
 Method used: Inductively Coupled Argon Plasma Atomic Emission Spectrophotometer

Polymeric material

- (a) Pages [REDACTED]
 transparent

Paper and board

- (b) Book cover [REDACTED]
 [REDACTED] white paper board
- (c) Pages [REDACTED]
 white paper card

Coating material

- (d) Book cover [REDACTED] transparent glue with silver glitter
 (e) Book cover [REDACTED] transparent glue with pink glitter
 (f) Book cover [REDACTED] transparent glue with yellow glitter
 (g) Book cover [REDACTED] transparent with gold glitter
 (h) Blinder [REDACTED]
 [REDACTED] white (see Note)
- (i) Book cover/pages [REDACTED] pink/red/purple/multicolor
 (j) Book cover/pages [REDACTED] yellow/red/purple/multicolor
 (k) Book cover/pages [REDACTED] purple/pink/blue/multicolor
 (l) Book cover/pages [REDACTED] blue/black/yellow/multicolor

Note: There was insufficient uniform coating to produce the test portion of 100 mg in one sample. According to the Standard, the quantities of the elements were calculated as if 100 mg of test portion had been used. The actual weight of the white coating used for analysis was 27mg.

	a	b	c	Limit
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	4mg/kg	4mg/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

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	<u>d</u>	<u>e</u>	<u>f</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	2mg/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
	<u>g</u>	<u>h</u>	<u>i</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	4mg/kg	20mg/kg	1000mg/kg
Soluble antimony.....	<2mg/kg	3mg/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
	<u>j</u>	<u>k</u>	<u>l</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.....	9mg/kg	3mg/kg	5mg/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

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

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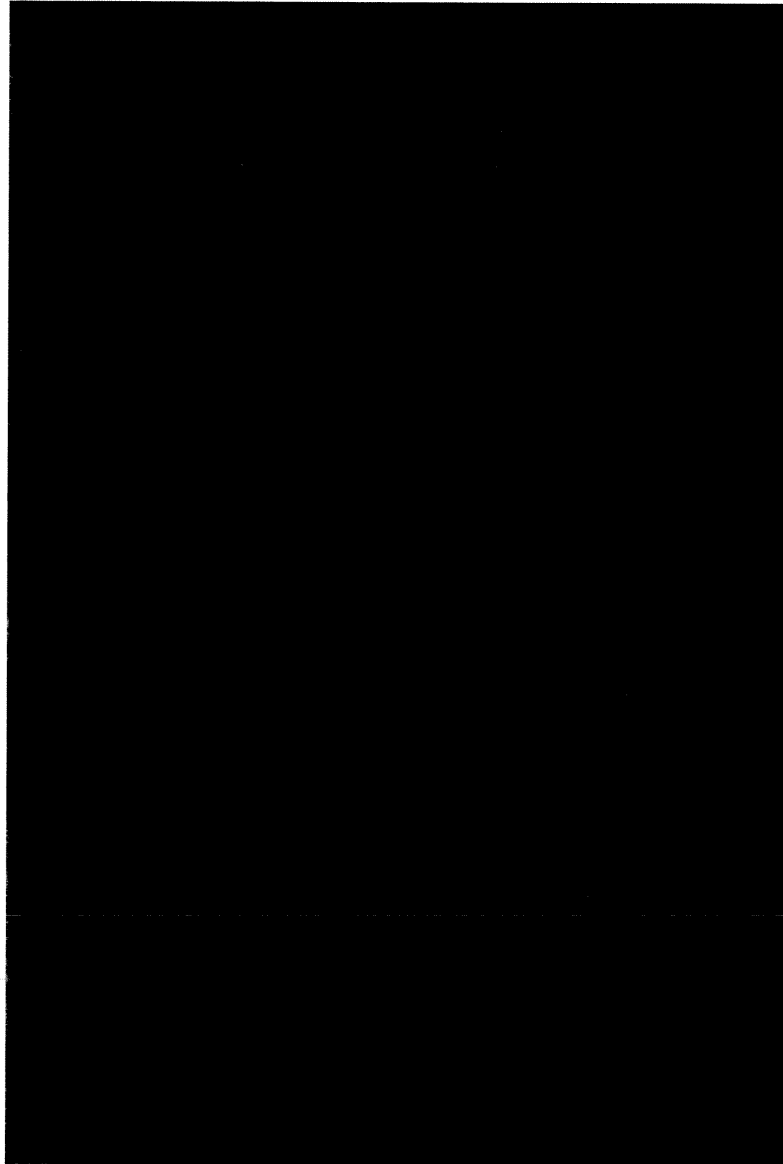


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Appendix for Photos of the Submitted Sample



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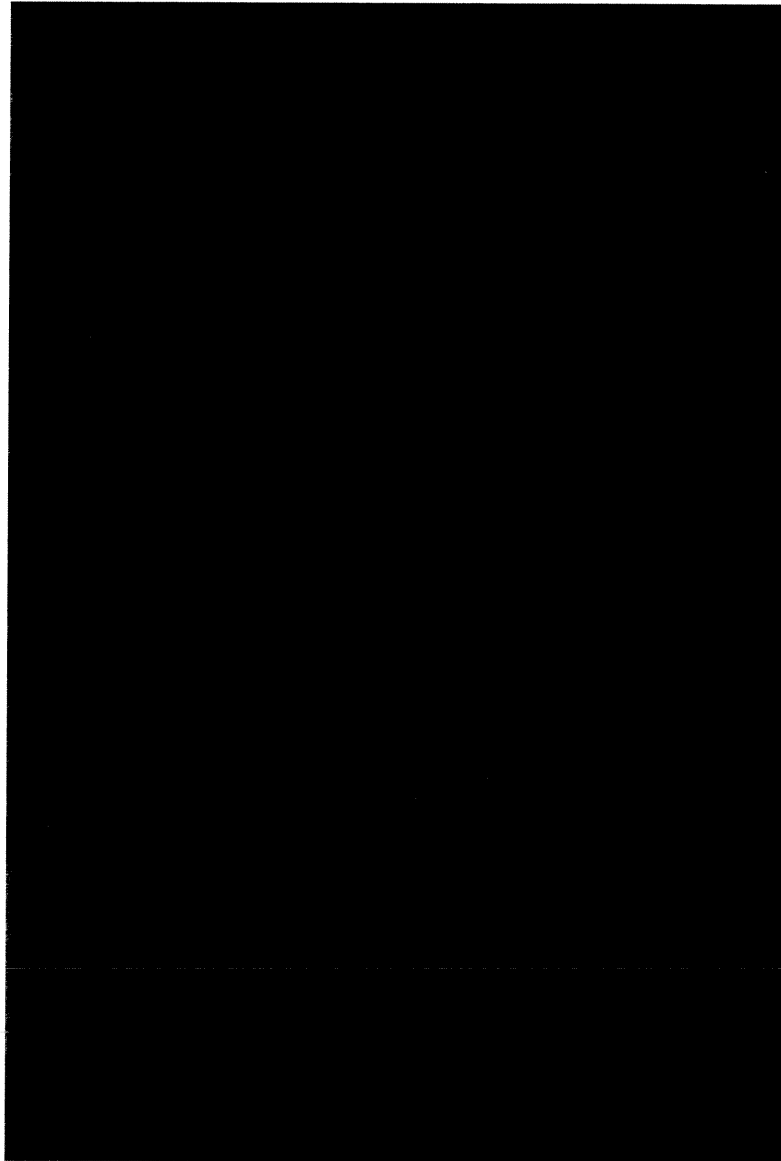


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