

TEST REPORT

Applicant: Center Enterprises, Inc.
PO Box 331361,
West Hartford,
CT 06133-1361,
USA

For The Attention of: Mr J Murphy

Item Description: Ref SA540 described as "Primary Washable 4 in 1 Stamp Pad"

Report No: 70031905.36A

Report Date: 21st October 2010

Test Request:

EN71 Part 1: 2005 Including A9:2009 Physical and Mechanical Properties of Toys, excluding markings

EN71 Part 2: 2006 Including A1:2007 Flammability Properties of Toys.

EN71 Part 3: 1994 Migration of Certain Elements from Toys and Their Materials.

ASTM F963-08 Standard Consumer Safety, Specifications on Toy Safety, excluding markings & art materials

16CFR1303 Total Lead

16CFR1500 Use & Abuse Parameters

16CFR 1500.44, Flammability Requirements

CPSIA Total Lead in substrates (Method CPSC-CH-E1002-08)

CPSIA Section 108 Banned Phthalates

Results & Comments: See attachment.

Conclusion: The above item, as tested PASSES the requested requirements

Lax Pattni
Laboratory Manager
For and on behalf of
The Northern Testhouse (Leicester) Limited.

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THE NORTHERN TESTHOUSE (Leicester) LIMITED	
<i>Quality Assurance and Product Safety Testing</i>	
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General Comments

Country of origin

Made in USA, Packaged Exclusively in China for Center Enterprises, Inc.

Packaging

The item (case) examined was affixed with labels and supplied shrink wrapped in visibly undamaged state

Age Markings/Grading

The following markings were evident on the affixed label:

WARNING

CHOKING HAZARD

Not for children under 3 years

Governing Document: ASTM F963-08 Standard Consumer Safety Specifications on Toy Safety.

Comments: Relevant clauses applicable to the item examined are reported in this test report.

Field of application: General toy examined for children over 3 years of age

Clause 4.1	Material quality	Pass
Clause 4.2	Flammability	Pass
The white polymer case did not ignite		
Clause 4.7	Accessible edges	Pass
Clause 4.9	Accessible points	Pass

ì Governing Document: 16CFR 1500.50 use & abuse tests

Age Grading: From 3 years

<u>Test</u>	<u>Requirements</u>	<u>Results</u>
Impact	91cm	Pass
Torque	0.45Nm	Pass
Tension	70N	Pass

Comments Accessible sharp points and edges were not identified after abuse tests

Governing Document: EN71 Part3: 1994, Migration of Certain Elements From Toys And Toy Materials & ASTM F963'08 Clause 4.3, Migration of heavy metals from surface coatings

Analyses were conducted by inductively coupled plasma spectrophotometer.

<u>Clause</u>	<u>Application</u>	<u>Results</u>
8.1	Coatings etc	PASS
8.2	Polymers etc	PASS
8.3	Paper and paperboard	PASS
8.7	Materials intended to leave a trace	PASS

All results are expressed in parts per million (ppm, mg/kg)

Materials Sampled (As Lab Ref 70031905A3A)

Polymers

- 1) White (Casing)
- 2) Clear with Print (Label Film)

Paper and paperboard

- 3) White with Black Print (Label)

Materials intended to leave a trace (Ink Pads)

- 4) Yellow
- 5) Green
- 6) Red
- 7) Blue

RESULTS

Element	1	2	3	4	5	6	7	Limits
Lead	<9	<9	<9	<9	<9	<9	<9	90
Cadmium	<7	<7	<7	<7	<7	<7	<7	75
Chromium	<6	<6	<6	<6	<6	<6	<6	60
Barium	<20	<20	<20	<20	<20	<20	<20	1000
Mercury	<6	<6	<6	<6	<6	<6	<6	60
Antimony	<6	<6	<6	<6	<6	<6	<6	60
Arsenic	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	25
Selenium	<50	<50	<50	<50	<50	<50	<50	500

Date Results Complied: 19th October 2010

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CPSC Identification Number: 1228

Governing Document: CPSIA Total Lead in Substrates (Method CPSC-CH-E1002-08)

Analyses were conducted by inductively coupled plasma spectrophotometry.

All results are expressed in parts per million (ppm, mg/kg)

Materials Sampled (As Lab Ref 70031905A3A)

Paper and paperboard

- 1) White with Black Print (Base Label)

Polymers

- 2) White (Casing)
- 3) Clear with Print (Label)

Ink Pads

- 4) Yellow
- 5) Green
- 6) Red
- 7) Blue

RESULTS

Element	1	2	3	Limit
Lead	<30	<30	<30	300

Element	4	5	6	Limit
Lead	<30	<30	<30	300

Element	7	Limit
Lead	<30	300

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ì Governing Document: CPSIA Section 108 Banned Phthalates

Materials Sampled (As Lab Ref 70031905A3A)

- 1) White (Casing)
- 2) White/Black Print (Label)
- 3) Clear with Print (Label)
- 4) Blue/Red/Yellow/Green

RESULTS

Phthalate	1	2	3	4
DINP	<0.03	<0.03	<0.03	<0.03
DNOP	<0.03	<0.03	<0.03	<0.03
DEHP	<0.03	<0.03	<0.03	<0.03
DIDP	<0.03	<0.03	<0.03	<0.03
BBP	<0.03	<0.03	<0.03	<0.03
DBP	<0.03	<0.03	<0.03	<0.03
Pass/Fail	Pass	Pass	Pass	Pass

All Results are in %, < =less than, > = greater than

Group A: Total: DEHP, DBP, BBP <0.1%.....Pass

Group B: Total: DINP, DIDP, DNOP <0.1%.....Pass

DINP (Di-iso-nonylphthalate)

DNOP (Di-n-octylphthalate)

DEHP (Di (2-ethylhexyl) phthalate)

DIDP (Di-iso-decylphthalate)

BBP (Butylbenzylphthalate)

DBP (Dibutylphthalate)