# THE NORTHERN TESTHOUSE (LEICESTER)

Quality Assurance & Product Safety Testing

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Unit 1, Scraptoft Business Centre, Main Street, Leicester LE7 9TD



## 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:** 21<sup>st</sup> 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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Opinions & interpretations expressed in this report are outside UKAS Ì Indicates tests not within our current UKAS Scope

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General Comments

<u>Country of origin</u> 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

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Pass

#### Governing Document: EN71 Part1:2005 Including A9:2009

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

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

Clause 4.1 The item was	Materials visually clean and free from infestation.	Pass
Clause 4.7 Accessible sh	Edges arp edges were not identified.	Pass
Clause 4.8 Accessible sh	Points arp points were not identified.	Pass
essential infor • Trade	Markings & instructions for use nined passes the requirements of this clause provided the fol mation is stated: name and address within EU	Void llowing

- A suitable CE Mark
- Advisory note to retain information for future reference

Instructions for use were considered self evident to the user

Clause 7.2 Warning for children under 3 years Pass A suitable warning, considered visible at point of sale, was evident on the affixed label

### Governing Document: EN71 Part 2: 2006 Including A1:2007

Scope of application: General Toy General Requirements Clause 4.1 Celluloid (cellulose nitrate) and materials with same behaviour in fire were not present.

Materials with a pile surface were not present

Extremely flammable, highly flammable and flammable prohibited materials were not present.

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#### **Governing Document: ASTM F963-08 Standard Consumer Safety Specifications** <u>on Toy Safety</u>.

<u>Comments:</u> 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
ì Clause 4.2	Flammability	Pass
The white polymer ca	ase did not ignite	
Clause 4.7	Accessible edges	Pass
Clause 4.9	Accessible points	Pass

### i Governing Document: 16CFR 1500.50 use & abuse tests

Age Grading: From 3 years

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

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

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#### **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.

Clause	Application	Results
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 **199**

- 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

### <u>RESULTS</u>

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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#### i 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 Group B: Total: DINP, DIDP, DNOP

<0.1%.....Pass <0.1%.....Pass

DINP (Di-iso-nonylpthalate) DNOP (Di-n-octylpthalate) DEHP (Di (2-ethylhexyl) phthalate) DIDP (Di-iso-decylphthalate) BBP (Butylbenzylphthalate) DBP (Dibutylphthalate)