

TEST REPORT

REPORT NO. : TS-100576
DATE : MAY 12, 2010

SAMPLE DESCRIPTION :

Submitted five (5) sets of **185-PC Alphabet Stamp Set** samples ***

Product Name : 185-PC Alphabet Stamp Set
Article No. : 74608
Country of Origin : Taiwan
Labeled Age Grade : No labeling
Testing Age Grading : 3+
Date(s) of samples received : May 04, 2010

TEST METHOD & RESULTS : Please refer to next page(s).

CONCLUSION : Please refer to page two (2)

***** End of Page 1 of 6 *****

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS Directory of Accredited Laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation

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CONCLUSION :

| | |
|---|------|
| EN71-1:2005+A8 Mechanical and Physical Properties (excluding packaging labeling*) | PASS |
| EN71-2:2006+A1:2007 Flammability Requirements | PASS |
| EN71-3:1994+A1:2000 & AC:2002 Migration of Certain Elements | PASS |

*There is no labeling on the submitted product package, so packaging labeling can not be verified.

REMARK : THE RESULTS RELATE ONLY TO THE SAMPLES TESTED.

For and on behalf of
Specialized Technology Resources (Taiwan) Ltd.



Ingred Huang
Manager
Toys and Hardlines Department

For and on behalf of
Specialized Technology Resources (Taiwan) Ltd.



Jennifer Lee
Manager
Chemical Department

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TEST RESULTS:

1.1 PHYSICAL AND MECHANICAL TESTS OF THE MOST STRINGENT REQUIREMENTS OF THE FOLLOWING STANDARDS:

A) EN71-1:2005+A8

The following clauses are identified to be applicable:

Applicant Specified Age Grading for testing: 3 +

Sample size: 1 set(s) × 1 style(s)

| <u>Clause</u> | <u>Test Items</u> | <u>Assessment</u> |
|---------------|-----------------------------------|-------------------------|
| 4.1 | Material | Pass |
| 4.2 | Assembly | Pass |
| 4.7 | Edges | Pass |
| 4.8 | Points and metallic wires | Pass |
| 8.3 | Torque Test | Pass |
| 8.4 | Tension Test | Pass |
| 8.5 | Drop Test | Pass |
| 8.7 | Impact Test | Pass |
| 7 | Warnings and instructions for use | Not Tested ¹ |

Details

- The final product packaging was not submitted for evaluation.

1.2 FLAMMABILITY TEST TO EN 71-2:2006+A1:2007 Clause 4.1 General Requirement (Cellulose Nitrate)

Requirement: Celluloid (cellulose nitrate), except when used in varnish, paint or glue, or in balls of the type used for table tennis or similar games, and materials with the same behaviour in fire as celluloid shall not be used in the manufacture of toys.

Results: The submitted sample(s) complied with this requirement.

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TEST RESULTS:

2 CHEMICAL TESTS:

Key to sample(s):

Sample 1 = Red Ink
Sample 2 = Green Ink
Sample 3 = Blue Ink
Sample 4 = Black Ink
Sample 5 = Pink Stamp Foam
Sample 6 = Orange Stamp Foam
Sample 7 = Yellow Stamp Foam
Sample 8 = Green Stamp Foam
Sample 9 = Blue Stamp Foam
Sample 10 = Purple Stamp Foam
Sample 11 = White Alphabet Stamp

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TEST RESULTS:

2.1 MIGRATION OF CERTAIN ELEMENTS : EN71-3 : 1994 + A1: 2000 & AC: 2002 Section 8.1 for samples 1 to 10, Section 8.6 for sample 11 & Section 8.7.4 for samples 12 to 20

Results:

| Elements | Antimony | Arsenic | Barium | Cadmium | Chromium | Lead | Mercury | Selenium |
|-----------|----------|---------|--------|---------|----------|------|---------|----------|
| Limits | < 60 | < 25 | < 1000 | < 75 | < 60 | < 90 | < 60 | < 500 |
| Sample 1 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 2 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 3 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 4 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 5 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 6 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 7 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 8 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 9 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 10 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |
| Sample 11 | <6.0 | <2.5 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 | <6.0 |

All concentrations expressed in milligrams per kilogram and unadjusted unless otherwise stated
"<" means "less than"

Remark:

1. Method for determination of each soluble element present
 - a) Antimony, Arsenic, Barium, Cadmium, Chromium, Lead, Mercury and Selenium are determined by Inductively Coupled Plasma Spectroscopy.

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Photo of Sample (s) :

Article No. 74608 185-PC Alphabet Stamp Set

