

Test Report

Report No.: SZT09042808278

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Client : CSP INC
Address : PO BOX 1157 GLENDALE AZ. 85311

Report on the submitted sample said to be:

Sample Name : Giant Metal Puzzle
Item No. : K09-904
Buyer : Kids' Korner
Country of Origin : China
Exported to : U.S.A
Client Specified Age Grading : Not stated
Labelled Age Grading : Not suitable for children under 3 years
Age Group Applied in Testing : Over 3 years
Sample Received Date : Apr. 28, 2009
Further Information Date : May. 11, 2009
Sample Tested Date : Apr. 28, 2009 to May. 12, 2009

TEST REQUEST

- 1)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety
- 2)US Consumer Products Safety Improvement Act 2008 (CPSIA)
- Lead in substrate materials of children's product

CONCLUSION

PASS

PASS

Test Results: Please refer to next page(s)

Inspected by: Yocher sheng
Engineer

Approved by: Victor wang,
Victor wang
Lab Manager

Approved date: 2009-05-12



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1) ASTM F963 -08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

| <u>Clause</u> | <u>Description</u> | <u>Assessment</u> |
|---------------|---|-------------------|
| 4. | Safety Requirements | |
| 4.1 | Material Quality (Visual Examination)..... | Pass |
| 4.2 | Flammability Test..... | Pass |
| | | (See Note 1) |
| 4.3 | Toxicology | |
| 4.3.5 | Paint & Similar Surface-coating Material..... | N/A |
| | N/A= Not Applicable (as received, there was no paint or similar surface-coating material on the submitted sample, so it is not applicable to the standard's requirement) | |
| 4.6 | Small Objects..... | N/A |
| 4.7 | Accessible Edges..... | Pass |
| 4.9 | Accessible Points..... | Pass |
| 7. | Producers Markings | |
| 7.1 | Producers Markings..... | Pass |
| 8. | Test Method | |
| 8.5 | Normal Use Testing..... | Pass |
| 8.7 | Impact Test | Pass |
| 8.8 | Torque Test..... | Pass |
| 8.9 | Tension Test..... | Pass |

N/A = Not Applicable

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Solid

| <u>Sample</u> | <u>Burning Rate (inch/sec)</u> | <u>Limit (inch/sec)</u> |
|--------------------|--------------------------------|-------------------------|
| Giant Metal Puzzle | DNI | 0.1 |

DNI = Did Not Ignite

Note:

- Only applicable clauses were shown.

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2) LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

| <u>Element</u> | <u>Result (ppm)</u> | <u>Required Limit #1</u> |
|----------------|-----------------------------|--------------------------|
| | Silver electro-plated metal | (ppm) |
| Total Lead | 47 | 600 |

Remark:

- ppm= parts per million based on dry weight of sample
- #1 = The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)

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Photo of the sample



*** End of report ***

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