

# Test Report

Report No.: SZT10042807538A

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**Applicant :** CSP INC

**Address :** 8248 W. ORANGE DR GLENDALE, AZ 85303 USA

**Report on the submitted sample said to be:**

Sample Name : SPLAT RAT  
Item No. : 03-014  
Buyer : Kids'Korner  
Country of Origin : China  
Exported to : U.S.A  
Client Specified Age Grading : 3+  
Labelled Age Grading : Not stated  
Age Group Applied in Testing : Over 3 years  
Sample Received Date : Apr.28, 2010  
Resubmitted Sample Date : May.26, 2010  
Sample Tested Date : Apr.28, 2010 to May.26, 2010

**TEST REQUEST**

**CONCLUSION**

1)European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII

- (Item 23)Cadmium and its compounds(Formerly Known as 91/338/EEC)

**PASS<sup>#01</sup>**

2)ASTM F963-08 Standard Consumer Safety Specification for Toy Safety

-Physical & Mechanical

**PASS**

- Flammability

**PASS**

3)US Consumer Products Safety Improvement Act 2008 (CPSIA)



- Lead in substrate materials of children's product

**PASS**

- Phthalates in children's toys and child care articles

**PASS<sup>#02</sup>**

**Test Results:** Please refer to next page(s)

Inspected by:  , Approved by:  Approved date: 2010-05-28  
Engineer Victor wang  
Lab Manager



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## 1) CADMIUM AND ITS COMPOUNDS

As Specified in European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII, with Reference to EN1122:2001 Method B or other Appropriate Methods, and Total Cadmium Content was Performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

Element	Result (%)	Limit
	Black soft plastic	(%)
Cadmium (Cd)	<0.0005	0.01

Remark:

- <= Less than
- %= Percentage based on dry weight of testing sample
- #01: CTI conducted Cadmium on the components which were identified by the client, and the testing results can meet European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII requirement.

## 2) ASTM F963 –08

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

Clause	Description	Assessment
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	Pass
4.2	Flammability Test.....	Pass
		(See Note 1)
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

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Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Solid

Sample

Burning Rate (inch/sec)

Limit (inch/sec)

SPLAT RAT

0.01

0.1

Note:

- Only applicable clauses were shown.

### 3) US CONSUMER PRODUCTS SAFETY IMPROVEMENT ACT 2008 (CPSIA)

#### ▼ LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Methods CPSC-CH-E1001-08 and CPSC-CH-E1002-08 were Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Element</u>	<u>Result (ppm)</u>	<u>Limit</u>
	Black soft plastic	(ppm)
Total Lead (Pb)	<5	300

Remark:

- <= Less than
- ppm= parts per million based on dry weight of sample
- Result(s) shown of tested component(s) is/are quoted from CTI test report SZT10040605805.

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## ▼ PHTHALATES IN CHILDREN'S TOY AND CHILD CARE ARTICLES

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Method CPSC-CH-C1001-09.3 was Used and phthalates were Determined by Gas Chromatograph with Mass Spectrometer (GC-MS).

Material(s) in toys and childcare articles		
Tested Item	Result (%)	Limit
	Black soft plastic	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	0.1

Material(s) in toys that can be placed in mouth and childcare articles		
Tested Item	Result (%)	Limit
	Black soft plastic	(%)
Diisononyl Phthalate (DINP)	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	0.1

### Remark:

- <= Less than
- %= Percentage based on dry weight of sample
- #02 : CTI conducted phthalates on the components which were identified by the client, and the testing results can meet CPSIA requirement.

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### Photo of the sample



\*\*\* End of report \*\*\*

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