



Test Report

Number: SZHH00861878

Applicant: CSP INC
8248 W.ORANGE DR GLENDALE,AZ 85303 USA
Attn: WENDY

Date: Apr 28, 2014

Sample Description:

One (1) pieces of submitted sample said to be :
Item Name : **Multi Colored Slime.**
Item No. : **K1-305.**
Applicant Specified Age Grading for Testing : Over 3 Years.
Packaging Provided by Applicant : Yes.
Additional Material and Wet Paint Provided : No.
Buyer : Kids' Korner.



Tests conducted:

As requested by the applicant, refer to attached page(s) for details.

To be continued

Authorized by:
For Intertek Testing Services
Shenzhen Ltd.




Ben N.L. Lin
General Manager





Test Report

Number: SZHH00861878

Conclusion:

<u>Tested Samples</u>	<u>Standard – U.S. ASTM F963-11</u>	<u>Result</u>
Submitted sample	Physical and mechanical tests	Pass

Flammability test of materials other than textile materials	Pass
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Tested components of submitted sample	Heavy elements test	Pass
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<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Tested components of submitted sample	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass

US Consumer Product Safety Improvement Act 2008 Title I, Sec 108 requirement on phthalate	Pass
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Remark: As requested by the applicant, heavy elements content test was conducted only on components listed in this report. Other components were not tested.

As requested by the applicant, total Lead content test was conducted only on components listed in this report. Other components were not tested.

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For Intertek Testing Services
Shenzhen Ltd.




Ben N.L. Lin
General Manager



Tests Conducted

1 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-11.

The submitted samples were undergone the use and abuse tests in accordance with The Federal Hazardous Substances Act (FHSA), Title 16, Code of Federal Regulations :

<u>Test</u>	<u>FHSA</u>	<u>Parameter</u>
Impact test	Section 1500.53(b)	4 x 3.0 ft
Torque test	Section 1500.53(e)	4 in-lbf
Tension test	Section 1500.53(f)	15 lbf
Compression test	Section 1500.53(g)	30 lbf

<u>Section</u>	<u>Testing Items</u>	<u>Assessment</u>
4.1	Material quality (visual check on cleanliness)	P
4.5	Sound-producing toys	NA
4.6.1	Toys intended for children under 36 months (small objects)	NA
4.6.2	Mouth-actuated toys	NA
4.6.3	Toys and games for 36 months to 72 months (small part warning)	NA
4.7	Accessible edges	P
4.8	Projections	NA
4.9	Accessible points	P
4.10	Wires or rods	NA
4.11	Nails and fasteners	NA
4.12	Plastic film	NA
4.13	Folding mechanisms and hinges	NA
4.14	Cords and elastics in toys	NA
4.15	Stability and over-load requirements	NA
4.16	Confined spaces	NA
4.17	Wheels, tires and axles	NA
4.18	Holes, clearance, and accessibility of mechanisms	NA
4.19	Simulated protective devices, such as helmets, hats and goggles	NA
4.20	Pacifiers	NA
4.21	Projectile toys	NA
4.22	Teethers and teething toys	NA
4.23	Rattles	NA
4.24	Squeeze toys	NA
4.25	Battery-operated toys	NA
4.26	Toys intended to be attached to a crib or playpen	NA
4.27	Stuffed and beanbag-type toys	NA
4.28	Stroller and carriage toys	NA
4.29	Art materials	NA
4.30	Toy gun marking	NA
4.31	Balloons	NA





Test Report

Number: SZHH00861878

Tests Conducted

Section	Testing Items	Assessment
4.32	Certain toys with nearly spherical ends	NA
4.33	Marbles	NA
4.34	Balls	NA
4.35	Pompoms	NA
4.36	Hemispheric-shaped objects	NA
4.37	Yoyo elastic tether toys	NA
4.38	Magnets	NA
4.39	Jaw entrapment in handles and steering wheels	NA
5	Labelling requirement	P
6	Instructional literature	P
7	Producer's markings	
	- Name of producer/distributor (Toy & Package)	Yes
	- Address (Toy & Package)	Yes

Remark : The submitted samples were undergone the tests in accordance with section 8.5 through section 8.18 and 8.20 through 8.26 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass

NA = Not Applicable

Date sample received: Apr 18, 2014
Testing period: Apr 18, 2014 to Apr 24, 2014

2 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, the sample was tested according to Annex A5 Flammability Testing Procedure for Solids and Soft Toys.

Result: Ignited but self-extinguished before burn rate could be determined

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Test Report

Number: SZHH00861878

Tests Conducted

3 Heavy Elements Analysis

As per Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, acid extraction method was used and heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

	<u>Result (ppm)</u>	<u>Limit ppm</u>
	(1)	
Sol. Barium (Ba)	<5	1000
Sol. Lead (Pb)	<5	90
Sol. Cadmium (Cd)	<5	75
Sol. Antimony (Sb)	<5	60
Sol. Selenium (Se)	<5	500
Sol. Chromium (Cr)	<5	60
Sol. Mercury (Hg)	<5	60
Sol. Arsenic (As)	<2.5	25

Sol. = Soluble
ppm = parts per million

Tested Component : See component list in the last section of this report

Date sample received : Apr 18, 2014
Testing period : Apr 18, 2014 to Apr 21, 2014

4 Total Lead (Pb) Content

As per Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-11, test method CPSC-CH-E1001-08.1, CPSC-CH-E1002-08.1 or/and CPSC-CH-E1003-09.1 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Non-surface coating

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1)to(3)	<10	100

ppm = parts per million

Tested Components : See component list in the last section of this report

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Test Report

Number: SZHH00861878

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5 Total Lead (Pb) Content in Non-Surface Coating Materials (Substrate)

As per Standard Operating Procedures for Determining total Lead (Pb) in children's products, test methods CPSC-CH-E1002-08.3 and/or CPSC-CH-E1001-08.3 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

<u>Tested Component</u> (1)to(3)	<u>Result (ppm)</u> <10	<u>Limit (ppm)</u> 100
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ppm = parts per million

Tested components : See component list in the last section of this report

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Testing period: Apr 18, 2014 to Apr 21, 2014

6 Phthalate Content

As per CPSC-CH-C1001-09.3, by Gas Chromatographic-Mass Spectrometric (GC-MS) analysis.

	<u>Result (%)</u> (1)to(3)	<u>Limit (%)</u>
Dibutyl phthalate (DBP)	<0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	<0.01	0.1
Benzyl butyl phthalate (BBP)	<0.01	0.1

	<u>Result (%)</u> (1)to(3)	<u>Limit (%)</u>
Di-iso-nonyl phthalate (DINP)	<0.01	0.1
Di-n-octyl phthalate (DNOP)	<0.01	0.1
Di-iso-decyl phthalate (DIDP)	<0.01	0.1

The above limit was quoted according to US Consumer Product Safety Improvement Act 2008 for prohibition on sale of certain products containing specified phthalates.

Tested Components : See component list in the last section of this report.

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Testing period : Apr 18, 2014 to Apr 23, 2014





Test Report

Number: SZHH00861878

Tests Conducted

Component list :

- (1) Blue liquid (inside tank of blue style).
- (2) Red liquid (inside tank of red style).
- (3) Yellow liquid (inside tank of yellow style).

End of report

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