



Test Report

Number: SZHH01154617

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

Attn: ANNA

Date: May 22, 2017

Sample Description:

Four (4) pieces of submitted sample said to be :
Item Name : **Multi-Color Slime In.**
Item No. : **K1-604.**
Labelled Age Group : Not specified.
Applicant Specified Age : Over 3 years.
Grading for Testing :
Packaging Provided by Applicant : Yes(Artwork).
Additional Material and Wet Paint Provided : No.
Buyer : Kids' Korner.
Date Sample Received : May 16, 2017 & May 19, 2017.



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



Intertek Testing Services Shenzhen Ltd.- Hardlines

深圳天祥质量技术服务有限公司-轻工产品事业部

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Conclusion:

<u>Tested Samples</u>	<u>Standard – U.S. ASTM F963-16</u>	<u>Result</u>
Submitted samples	Physical and mechanical tests excluding art materials requirement of section 4.29 and 5.13	Pass

	Flammability test of materials other than textile materials	Pass
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Tested components of submitted samples	Heavy elements test	Pass
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<u>Tested Sample</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	U.S. CFR Title 16 Part 1303 total Lead content	Not Applicable

	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Not Applicable
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Tested components of submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for Total Lead content in Non-surface coating materials (substrate)	Pass
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	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.

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

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Tests Conducted

1 Physical and Mechanical Tests

As per ASTM Standard Consumer Safety Specification for Toy Safety F963-16.

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 children at least 36 months but less than 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, straps, and elastics	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



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Section	Testing Items	Assessment
4.29	Art materials	#
4.30	Toy gun marking	NA
4.31	Balloons	NA
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
4.40	Expanding materials	NA
4.41	Toy chests	NA
5	Labelling requirement	#
6	Instructional literature	P
7	Producer's markings	
7.1	- Name of producer/distributor (Package)	Yes
	- Address (Package)	Yes
7.3	Toy chests	
7.3.1	Name and address of manufacturer/distributor/seller	NA
7.3.2	Code mark	NA

Remark: The submitted samples were undergone the tests in accordance with section 8.5 through section 8.16 and 8.20 through 8.30 on normal use, abuse and specific tests for different types of toys whichever is applicable.

P = Pass

NA = Not Applicable

= As requested by applicant, sections 4.29 and 5.13 were not assessed.

2 Flammability Test

As per section 4.2 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, 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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3 Heavy Elements Analysis (except modelling clay)

As per Section 4.3.5 and Section 8.3.2 to 8.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, heavy elements migration content were determined by Inductively Coupled Argon Plasma Spectrometry.

Element	Result (ppm)		Reporting limit (ppm)	Limit (ppm)
	Tested component			
	(1)			
Sol. Barium (Ba)	ND		5	1000
Sol. Lead (Pb)	ND		5	90
Sol. Cadmium (Cd)	ND		5	75
Sol. Antimony (Sb)	ND		5	60
Sol. Selenium (Se)	ND		5	500
Sol. Chromium (Cr)	ND		5	60
Sol. Mercury (Hg)	ND		5	60
Sol. Arsenic (As)	ND		2.5	25

Sol. = Soluble
ppm = part per million = mg/kg
ND = Not detected

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

4 Total Lead (Pb) Content

As per Section 4.3.5 of the ASTM Standard Consumer Safety Specification on Toy Safety F963-16, test method CPSC-CH-E1001-08.3, CPSC-CH-E1002-08.3 or/and CPSC-CH-E1003-09.1 were used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Non-surface coating

Element	Result (ppm)		Reporting Limit (ppm)	Limit (ppm)
	Tested Component			
	(1+2+3)			
Lead (Pb)	ND		10	100

ppm = part per million = mg/kg
ND = Not detected

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

Assessment:

Since no scrapable surface coating was found on the submitted samples, the testing scope for surface coating was not applicable to the submitted samples.



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Tests Conducted

5 Total Lead (Pb) Content in Surface Coating

As per Standard Operating Procedure for Determining Lead (Pb) in paint and other similar surface coatings, test method CPSC-CH-E1003-09.1 was used and total Lead content was determined by Inductively Coupled Argon Plasma Spectrometry.

Assessment:

Since no scrapable surface coating was found on the submitted samples, the testing scope was not applicable to the submitted samples.

6 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.

Element	Result (ppm)	Reporting Limit (ppm)	Limit (ppm)
	Tested Component		
	(1+2+3)		
Lead (Pb)	ND	10	100

ppm = parts per million = mg/kg
ND = Not detected

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

7 Phthalate Content

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

Test item	Result (%)	Reporting Limit (%)	Limit (%)
	Tested component		
	(1+2+3)		
Dibutyl phthalate (DBP)	ND	0.01	0.1
Di-(2-ethyl hexyl) phthalate (DEHP)	ND	0.01	0.1
Benzyl butyl phthalate (BBP)	ND	0.01	0.1
Di-iso-nonyl phthalate (DINP)	ND	0.01	0.1
Di-n-octyl phthalate (DNOP)	ND	0.01	0.1
Di-iso-decyl phthalate (DIDP)	ND	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.

ND = Not detected

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





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Component list:

- (1) Cyan Slime (Ball)
- (2) Purple Slime (Ball)
- (3) Pink Slime (Ball)

End of report

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