



Test Report

Number: SZHH00957938

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

Date: May 16, 2015

Sample Description:

Twelve (12) pieces of submitted sample said to be :
Item Name : **Slime.**
Item No. : **K1-505.**
Labelled Age Group : For Ages 5+.
Applicant Specified Age : Over 3 Years.
Grading for Testing
Packaging Provided by Applicant : Yes.
Additional Material and Wet : No.
Paint Provided
Buyer : Kids' Korner.
Date Sample Received : May 07, 2015.



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





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Conclusion:

<u>Tested Samples</u>	<u>Standard – U.S. ASTM F963-11</u>	<u>Result</u>
Submitted samples	Physical and mechanical tests excluding section 4.29 & 5.13	Pass
	Flammability test of materials other than textile materials	Pass
Tested components of submitted samples	heavy elements test	Pass

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	U.S. Consumer Product Safety Improvement Act 2008 Title I, Section 101 for total Lead content in surface coating	Not Applicable
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
	U.S. CFR Title 16 Part 1303 total Lead content	Not Applicable
	US Consumer Product Safety Improvement Act 2008 Title I, Sec 108 requirement on phthalate	Pass

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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 :

Test	FHSA	Parameter
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

Section	Testing Items	Assessment
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	#
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





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5	Labelling requirement	P/#
6	Instructional literature	P
7	Producer's markings	No
	- Name of producer/distributor	
	- Address	No

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

Note: Do not issue HOKLAS endorsed report whenever the following sections were performed:
- Section 4.29 & 5.13 Art materials.

The final product or its packaging must be marked with the name and address of the producer or distributor as specified in section 7.1 of U.S. ASTM F963-11.

= 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 F963-11, 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

3 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> (1+2+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

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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4 .Heavy Elements Analysis (except modelling clay)

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>
	(3)	
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

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.

<u>Tested Component</u>	<u>Result (ppm)</u>	<u>Limit (ppm)</u>
(1+2+3)	<10	100

ppm = parts per million = mg/kg

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





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7 Total Lead (Pb) Content

As per U.S. Code of Federal Regulations Title 16 Part 1303, acid digestion method per ASTM E1613-04 / E1645-01 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 of 16 CFR 1303 was not applicable to the submitted samples.

8 Phthalate Content

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

	<u>Result (%)</u> <u>(1+2+3)</u>	<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> <u>(1+2+3)</u>	<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

Component list:

- (1) Yellow gel (inside of case).
- (2) Blue gel (inside of case).
- (3) Red gel (inside of case).

End of report

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