



**Test Report**

Number: SZHH01154596

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

Date: May 22, 2017

Sample Description:

Three (3) pieces of submitted sample said to be :  
Item Name : **Alien Head With.**  
Item No. : **K8-714.**  
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 : Yes.  
Buyer : Kids' Korner.  
Date Sample Received : May 16, 2017 & May 19, 2017.



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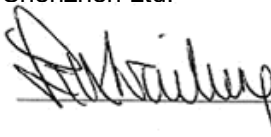

Tests conducted:

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

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To be continued

Authorized by:  
For Intertek Testing Services  
Shenzhen Ltd.

Ben N.L. Lin  
General Manager



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Attention is drawn to the terms and conditions printed overleaf.



**Test Report**

Number: SZHH01154596

Conclusion:

<u>Tested Samples</u>	<u>Standard</u>	<u>Result</u>
Submitted samples	Standard – U.S. ASTM F963-16 Physical and mechanical tests excluding Art Materials requirement of 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>
Tested components of submitted samples	Flash Point Test	See test conduct
	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 component listed in this report. Other components were not tested.

As requested by the applicant, total Lead content test was conducted only on component 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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General Manager



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





**Test Report**

Number: SZHH01154596

Tests Conducted

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

Remark: # = 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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**Test Report**

Number: SZHH01154596

Tests Conducted

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: (1) Green paste.

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)			
Lead (Pb)	ND		10	100

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

Tested Component: (1) Green paste.

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5 Flammability test on liquid

With reference to 16 CFR 1500.43(a) and 1500.3(c)(6) analysis.

Tested component	Result
1) Green gel:	above 65.6 °c.

Remark :

Flashpoint	Substance to be considered as
At or below -6.7°C	Extremely flammable
Above -6.7°C and below 37.8°C	Flammable
At or above 37.8°C to and including 65.6°C	Combustible

Result:  
According to the 16 CFR 1500.3(c)(6), the liquid is not considered to be an extremely flammable, flammable and combustible substance.

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)		
Lead (Pb)	ND	10	100

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

Tested component: (1) Green paste.

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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)			
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 Component: (1) Green paste.

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End of report

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