

EFSN13040810C

Test Report

Applicant

CSP INC

Address

8248 W. ORANGE DR GLENDALE, AZ 85303 USA

Buyer

KIDS' KORNER

Country of Origin

CHINA

Test Item

1 sample of slime skull

Sample Description

SKULL SLIME

Style/Model No.

K6-308

Delivery Condition

Apparent good, samples tested as received

Date of Receipt:

Apr. 24th 2013

Test Period

Apr. 26th 2013 to May 02nd 2013

Testing Location

Shenzhen

Test Specification

Physical and Mechanical Test

Flammability Test

Total Lead Content and Migration of Certain Elements Test

In accordance with ASTM F963-11

Standard Consumer Safety Specification for Toy Safety

Total Lead Content - according to US Consumer Product Safety

Improvement Act 2008 (CPSIA).

Phthalates - according to US Consumer Product Safety Improvement

Act 2008 (CPSIA).

Test Result

PASS

Tested by:

Tim Huang

Toys Testing Manager May 02nd 2013

Lydia Wang

Chemical Lab Manager

May 02nd 2013

Checked by:

Volker Schwarz Technical Director

May 02nd 2013

Other Information / Remark:

Labeled Age Grade: Not present. Requested Age Grade: Not present. Tested Age Grade: Over 3 years.

This test report is valid for the tested samples only. Without permission of the restorement this test report is not permitted to be duplicated in extracts. This test report does not entitle to carry any safety mark on this or similar products.



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1. ASTM F963-11, Standard Consumer Safety Specification for Toy Safety

Section	Requirement	Result			
4	Safety Requirements				
4.1	Material Quality	Р			
4.2	Flammability	Р			
4.3	Toxicology				
4.3.1	Hazardous Substances	N/A			
4.3.2	Manufacturing and Packaging of Food	N/A			
4.3.3	Indirect Food Additives	N/A			
4.3.4	Cosmetics	N/A			
4.3.5	Total Lead Content and Migration of Certain Elements (Please refer to details on page 6.)	Р			
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, and Powders	N/A			
4.3.7	Stuffing Materials(Visual Inspection)	N/A			
4.3.8	DEHP(DOP)	N/A			
4.4	Electrical/Thermal Energy				
4.5	Sound-Producting Toys	N/A			
4.6	Small Objects	N/A			
4.7	Accessible Edges	Р			
4.8	Projections	N/A			
4.9	Accessible Points	Р			
4.10	Wires or Rods	N/A			
4.11	Nails and Fasteners	N/A			
4.12	Plastic Film	N/A			
4.13	Folding Mechanisms and Hings	-			
4.13.1	Folding Mechanisms	N/A			
4.13.2	Hing-Line Clearance	N/A			
4.14	Cords, Straps, and Elastics				
4.14.1	Cords, Straps, and Elastics in Toys	N/A			
4.14.2	Self Retracting Pull Cords	N/A			



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Section	Requirement	Result				
4.14.3	Pull Toys					
4.14.4	Strings and Lines for Flying Devices					
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months					
4.15	Stability and Over-Load Requirements					
4.15.1	Stability of Ride-On Toys and Toy Seats	N/A				
4.15.2	Sideways Stability Requirements	N/A				
4.15.3	Fore and Aft Stability	N/A				
4.15.4	Stability of Stationay Floor Toys	N/A				
4.15.5	Overload Requirements for Ride-On Toys and Toy Seats	N/A				
4.15.6	Wheeled Ride-On Toys	N/A				
4.16	Confined Spaces					
4.16.1	Ventilation	N/A				
4.16.2	Closures					
4.16.3	Toys that Enclose the Head					
4.17	Wheels, Tires, and Axles	N/A				
4.18	Holes, Clearance, and Accessibility of Mechanisms					
4.18.1	Accessible Clearances for Moveable Segments	N/A				
4.18.2	Circular Holes in Rigid Materials	N/A				
4.18.3	Chains and Belts	N/A				
4.18.4	Inaccessibility of Mechanisms	N/A				
4.18.5	Winding Keys	N/A				
4.18.6	Coil Springs	N/A				
4.19	Simulated Protective Devices(such as helmets, hats, and goggles)	N/A				
4.20	Pacifiers	N/A				
4.20.1	Pacifiers Nitrosamine Content	N/A				
4.21	Projectile Toys	N/A				
4.22	Teethers and Teething Toys	N/A				
4.23	Rattles	N/A				
4.24	Squeeze Toys	N/A				



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Section	Requirement	Result
4.25	Battery-Operated Toys	N/A
4.25.10	Battery-Powered Ride-On Toys	N/A
4.26	Toys Intended to be Attached to a Crib or Playpen	N/A
4.27	Stuffed and Beanbag-Type Toys	N/A
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials	N/A
4.29.1	Art Materials Toxico	N/A
4.30	Toy Gun Marking	N/A
4.31	Balloons	N/A
4.32	Certain Toys with Spherical Ends	N/A
4.33	Marbles	N/A
4.34	Balls	N/A
4.35	Pompoms	N/A
4.36	Hemispheric-Shaped Objects	N/A
4.37	Yo Yo Elastic Tether Toys	N/A
4.38	Magnets	N/A
4.39	Jaw Entrapment in Handles and Steering Wheels	N/A
5	Labeling Requirements	
5.1	Federal Government Requirements	N/A
5.2	Age Grading Labeling	N/A
5.3	Safety Lebeling Requirements	N/A
5.4	Aquatic Toys	N/A
5.5	Crib and Playpen Toys	N/A
5.6	Mobiles	N/A
5.7	Stroller and Carriage Toys	N/A
5.8	Toys Intended to be Assembled By and Adult	N/A
5.9	Simulated Protective Devices	N/A
5.10	Toys with Functional Sharp Edges or Points	N/A
5.11	Small Objects, Small Balls, Marbles, and Balloons	N/A



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Section	Requirement	Result
5.12	Toy Caps	N/A
5.13	Art Materials	N/A
5.14	Electric Toys	N/A
5.15	Battery-Operated Toys	N/A
5.16	Promotional Materials	P
5.17	Magnets	N/A
6	Instructional Literature	
6.1	Definition and Description	Р
6.2	Crib and Playpen Toys	N/A
6.3	Mobiles	N/A
6.4	Toys Intended to be Assembled By a Adult	N/A
6.5	Battery-Operated Toys	N/A
6.6	Toys in Contact with Food	N/A
7	Producer's Markings	
7.1	Producer's Markings	Р
7.2	Battery-Powered Ride-on Toys	N/A
8	Test methods	
8.5	Normal Use Testing	Р
8.7.1	Drop Test	Р
8.7.2	Tipover Test for Large, Bulky Toys	N/A
8.7.3	Tumble Test for Wheeled Toys	N/A
8.7.4	Impact Test for Toys that Cover the Face	N/A
8.8	Torque Tests for Removal of Components	Р
8.9	Tension Test for Removed of Components	Р
8.9.1	Tension Test for Seams in Stuffed Toys and Beanbag Type Toys	N/A
8.10	Compression Test	N/A
8.11	Tests for Tire Removal and Snap-in Wheel and Axle Assembly Removal	N/A
8.12	Flexure Test	N/A
8.13	Test for Mouth-Actuated Toys	N/A

Note: P = Pass

F = Fail

N/A = Not Applicable



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2. Material list (*)

Testing material No.	Component	Material	Colour
1	Skull slime	Slime	Multicolor

Remark:

3. ASTM F963-11 4.3.5.2(2)(b), Migration of Certain Elements in Accessible Component Parts

As per ASTM F963-11, soluble toxic element contents are determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Detection limit: 2.5mg/kg for each of the 8 soluble toxic elements

		Testing element							
Test No.		As	Ba	Cd	Cr	Hg	Pb	Sb	Se
	Material No.	Limit (mg/kg)							
		25	1000	75	60	60	90	60	500
				T	est resu	It (mg/k	g)		
Heavy Metals-1	1	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5	<2.5

4. ASTM F963-11 4.3.5.2(2)(a), Total Lead Content in Accessible Component Parts

Test method

CPSC-CH-E1002-08.1

The sample was digested with acid. Then the lead content was determined by

Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit

100 ppm – according to ASTM F963-11 Standard Consumer Safety

Specification for Toy Safety

Detection Limit

10 ppm

Test No.	Material No.	Test result (ppm)
Pb-1	1	<10

Note: - < = less than - ppm = mg/kg

^{*} According to the customer's requirement, only the appointed material has been tested.



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5. Total Lead Content (CPSIA)

Test method

: CPSC-CH-E1002-08.1

The sample was digested with acid. Then the lead content was determined by

Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit

: See Note 2.

Detection limit

: 10 ppm

Test No.	Material No.	Test result (ppm)			
Pb-1	1	<10			

Note: 1. - < = less than - ppm = mg/kg

- 2. Total lead content according to US Consumer Product Safety Improvement Act 2008 (CPSIA Sec. 101):
 - a) For paint and similar surface coating materials in children's products, the limit for Lead has been changed to 90 ppm from August 14th 2009.
 - b) For materials other than paints and similar surface coating in children's products, the limit for Lead has been changed to 100 ppm from August 14th 2011.

6. Phthalates

Test method

: CPSIA Sec. 108, CPSC-CH-C1001-09.3

Requirement

: According to US Consumer Product Safety Improvement Act 2008 (CPSIA).

A: For toys and childcare articles

Test No.		Phthalates-1			
Material No.	1	Limit	Detection limit		
Parameter	CAS No.	Unit	Test result		
Dibutylphthalate (DBP)	84-74-2	%	n.d.	0.1	0.005
Benzylbutylphthalate (BBP)	85-68-7	%	n.d.	0.1	0.005
Diethylhexylphthalate (DEHP)	117-81-7	%	n.d.	0.1	0.005

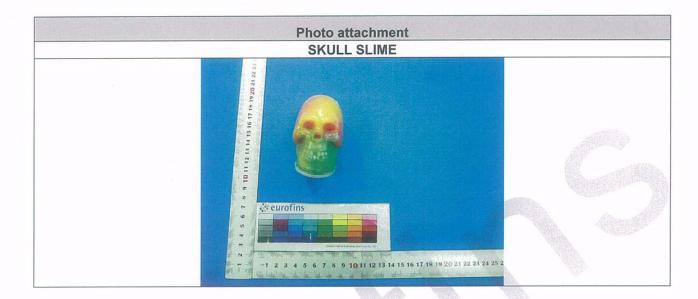
B: Additional requirements for toys and childcare articles, which can be placed in the mouth by children

Test No).	Phthalates-1				
Material No	1	Limit	Detection limit			
Parameter	CAS No.	Unit	Test result			
Di-n-octylphthalate (DNOP)	117-84-0	%	n.d.	0.1	0.005	
Diisodecylphthalate (DIDP)	26761-40-0	%	n.d.	0.1	0.005	
Diisononylphthalate (DINP)	28553-12-0	%	n.d.	0.1	0.005	

Note: - n.d. = not detected



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