

TEST REPORT

APPLICANT : CSP INC
ADDRESS : 8248 W. ORANGE DR GLENDALE, AZ 85303 USA
SAMPLE DESCRIPTION : HAND MUFF
STYLE / ITEM NO. : K14-401
BUYER : KIDS' KORNER
AGE REQUESTED ON APPLICATION FORM : 3+
LABELED AGE GRADE : NOT FOR CHILDREN UNDER 3 YEARS
AGE GRADE APPLIED IN TESTING : OVER 3 YEARS
SAMPLE RECEIVED DATE : MAY 05, 2014
TEST PERIOD : MAY 07, 2014 TO MAY 19, 2014
RESULT SUMMARY :

TEST REQUESTED	RESULT
- In accordance with ASTM F963-11 Standard Consumer Safety Specification for Toy Safety:	-
Physical and Mechanical Test	PASS
Flammability Test	PASS
Total Lead Content and Migration of Certain Elements Test	PASS
- Total Lead Content according to US Consumer Product Safety Improvement Act 2008 (CPSIA).	PASS

*****FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S)*****

SIGNED FOR AND ON BEHALF OF
EUROFINS TESTING TECHNOLOGY (SHENZHEN) CO. LTD.



Caroline Zhao
Toys Testing Engineer



Harry Chen
Inorganic Team Supervisor



Coco Luo
Organic Team Supervisor



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This test report does not entitle to carry any safety mark on this or similar products.

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

Section	Requirement	Result
4	Safety Requirements	
4.1	Material Quality	P
4.2	Flammability	P
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 (See data table for detailed results.)	P
4.3.6	Cosmetics, Liquids, Pastes, Putties, Gels, and Powders	N/A
4.3.7	Stuffing Materials(Visual Inspection)	P
4.3.8	DEHP(DOP)	N/A
4.4	Electrical/Thermal Energy	N/A
4.5	Sound-Producing Toys	N/A
4.6	Small Objects	N/A
4.7	Accessible Edges	P
4.8	Projections	N/A
4.9	Accessible Points	P
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

TO BE CONTINUED

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Section	Requirement	Result
4.14.3	Pull Toys	N/A
4.14.4	Strings and Lines for Flying Devices	N/A
4.14.5	Cords on Toy Bags Intended for Children Up to 18 Months	N/A
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 Stationary 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	N/A
4.16.3	Toys that Enclose the Head	N/A
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	P
4.28	Stroller and Carriage Toys	N/A
4.29	Art Materials (Label review only)	N/A
4.29.1	Art Materials Toxic	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	
5.2	Age Grading Labeling	N/A
5.3	Safety Labeling 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
5.12	Toy Caps	N/A

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Section	Requirement	Result
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	P
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	P
7.2	Battery-Powered Ride-on Toys	N/A
8	Test methods	
8.5	Normal Use Testing	P
8.7.1	Drop Test	P
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	P
8.9	Tension Test for Removed of Components	P
8.9.1	Tension Test for Seams in Stuffed Toys and Beanbag Type Toys	P
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 N/A = Not Applicable

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Material list (*)

Testing material No.	Component	Material	Colour
1	Main body	Textile	White
2	Eyes	Plastic	Transparent
3	Nose	Plastic	Black
4	Velcro of hand muff(loop)	Textile/plastic	Black
5	Velcro of hand muff(hook)	Textile/plastic	Black

Remark:

*. According to the customer's requirement, the appointed material has been tested.

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

Test method : CPSC-CH-E1002-08.3
 The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit : 100 mg/kg – according to ASTM F963-11 Standard Consumer Safety Specification for Toy Safety.

Detection Limit : 10 mg/kg

Test No.	Material No.	Test result (mg/kg)
Pb-1	2	N.D.
Pb-2	3	N.D.
Pb-3	4	N.D.
Pb-4	5	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%

- N.D. = Not Detected

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

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

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

Test No.	Material No.	Testing element								
		As	Ba	Cd	Cr	Hg	Pb	Sb	Se	
		Limit (mg/kg)								
		25	1000	75	60	60	90	60	500	
Test result (mg/kg)										
No. 1	1	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - N.D. = Not Detected

Total Lead Content(CPSIA)

Test method : CPSC-CH-E1002-08.3
 The sample was digested with acid. Then the lead content was determined by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES).

Limit For surface coating materials: 90 ppm
 For non-surface coating (substrate): 100 ppm
 - according to US Consumer Product Safety Improvement Act 2008 (CPSIA Sec.101).

Detection limit : 10 ppm

Test No.	Material No.	Test result (ppm)
Pb-1	2	N.D.
Pb-2	3	N.D.
Pb-3	4	N.D.
Pb-4	5	N.D.

Note: - 1 mg/kg = 1 ppm = 0.0001%
 - N.D. = Not Detected

Other Information / Remark:

N/A

TO BE CONTINUED

Photo Attachment

HAND MUFF



END OF THE REPORT