

Test Report

Report No.: SZT09050708881

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Client : CSP INC
Address : PO BOX 1157 GLENDALE AZ. 85311

Report on the submitted sample said to be:

Sample Name : Boys Hat
Quantity Of Sample : 2 pcs
Item No. : 10-911
Buyer : Kids' Korner
Country of Origin : China
Exported to : U.S.A
Client Specified Age Grading : 3+
Labelled Age Grading : Not stated
Age Group Applied in Testing : All ages
Sample Received Date : May.07, 2009
Further Information Date : May.14, 2009
Sample Tested Date : May.07, 2009 to May.14, 2009

TEST REQUEST

- 1) ASTM F963-08 Standard Consumer Safety Specification for Toy Safety
- 2) US Consumer Products Safety Improvement Act 2008 (CPSIA)

- Lead in surface-coatings and similar materials of children's product
- Lead in substrate materials of children's product
- Phthalates in children's toys and child care articles

CONCLUSION

PASS

N/A

PASS

PASS^{#01}

N/A= Not Applicable (as received, there was no surface-coating and similar materials on the submitted samples)

Test Results: Please refer to next page(s)

Inspected by: Maggie, Approved by: Victor wang, Approved date: 2009-05-15

Engineer

Victor wang
Lab Manager



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1)ASTM F963 –08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality **.....	Pass
4.2	Flammability Test.....	Pass
		(See Note 1)
4.3	Toxicology	
4.3.5	Paint & Similar Surface-coating Material.....	N/A
	N/A= Not Applicable (as received, there was no paint or similar surface-coating material on the submitted sample,so it is not applicable to the standard’s requirement)	
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
7.	Producers Markings	
7.1	Producers Markings.....	Pass
8.	Test Method	
8.5	Normal Use Testing.....	Pass
8.7	Impact Test.....	Pass
8.8	Torque Test.....	Pass
8.9	Tension Test.....	Pass

**Visual Examination

N/A = Not Applicable

Note 1:

Flammability Test (Clause 4.2)

Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
Boys Hat	0.02	0.1

Note:

- Only applicable clauses were shown.

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2) US Consumer Products Safety Improvement Act 2008 (CPSIA)

▼ LEAD IN SUBSTRATE MATERIALS OF CHILDREN'S PRODUCT

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA), Acid Digestion Method was Used and Total Lead Content was Determined by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES).

<u>Element</u>	<u>Result (ppm)</u>								<u>Limit #1</u> (ppm)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
Total Lead	<5	<5	<5	<5	<5	<5	<5	<5	600

<u>Element</u>	<u>Result (ppm)</u>								<u>Limit #1</u> (ppm)
	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	
Total Lead	<5	<5	<5	<5	<5	94	150	<5	600

Tested Components:

- | | |
|--------------------------|------------------------------|
| (1) Black fabric | (9) Deep green fabric |
| (2) Yellow fabric(edge) | (10) Beige thread |
| (3) Red fabric(edge) | (11) White non-woven |
| (4) Red embroidery | (12) White thread |
| (5) Yellow embroidery | (13) Black net fabric(inner) |
| (6) Dark cyan thread | (14) White sponge |
| (7) Black fabric(inner) | (15) Black metal |
| (8) Orange-yellow thread | (16) Silver metal |

Remark:

- < = Less than
- ppm= parts per million based on dry weight of sample
- #1 = The total Lead limit for substrate materials will be **300ppm** (Effective Date : August 14, 2009)

▼ PHTHALATES IN CHILDREN'S TOY AND CHILD CARE ARTICLES

As Specified in Consumer Products Safety Improvement Act 2008 (CPSIA) ,Solvent extraction Method was Used and phthalates were Determined by Gas Chromatograph with Mass Spectrometer (GC-MS).

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Material(s) in toys and childcare articles		
<u>Tested Item</u>	<u>Result (%)</u>	<u>Limit#</u>
	(1)/(2)	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	0.1

Material(s) in toys that can be placed in mouth and childcare articles		
<u>Tested Item</u>	<u>Result (%)</u>	<u>Limit#</u>
	(1)/(2)	(%)
Diisononyl Phthalate (DINP)	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	0.1

Tested Components:

- (1) White non-woven
- (2) White sponge

Remark:

- < = Less than
- % = Percentage based on dry weight of sample
- # = The limit for the test result is 1/n of the value column (where “ n” is the number of mixed samples)
- #01 : CTI conducted phthalates on the components which were identified by the client, and the testing results can meet CPSIA requirement

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Photo of the sample



*** End of report ***

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