

Test Report

Report No.: TLSZE00045035

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

Report on the submitted sample(s) said to be:

Sample Name : WALL WALKER
Item/Lot No. : 16-206
Buyer : Kids'Korner
Quantity of Sample : 3 pcs
Country of Origin : China
Exported to : USA
Client Specified Age Grading : 3+
Labeled Age Grading : Not stated
Age Group Applied in Testing : Over 3 years
Sample Received Date : Apr.18, 2012
Sample Resubmission Date : May 14, 2012
Sample Tested Date : Apr.18, 2012 to May 15, 2012

Test Conducted:

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

Tested by Anthony

Approved by Victor Wang

Victor Wang
Lab Manager



Reviewed by Pichent L

Date 2012-05-16

No. 27483705

Centre Testing International (Shenzhen) Co., Ltd. Hongwei Industrial Zone, Bao'an 70 District, Shenzhen, Guangdong, China

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Executive Summary:

TEST REQUEST

- 1) US Consumer Product Safety Improvement Act of 2008 (CPSIA) with amendment (H.R.2715)
 - Lead in surface-coatings and similar materials of children's products
 - Lead in substrate materials of children's products
 - Phthalates in children's toys and child care articles
- 2) ASTM F963-11 Standard Consumer Safety Specification for Toy Safety
 - Mechanical and Physical test
 - Clause 4.2 Flammability of toys
- 3) European Regulation(EC) No. 1907/2006, REACH & amendment No.552/2009 Annex XVII
 - Cadmium and its compounds

CONCLUSION

N/A
PASS
PASS^{#01}
PASS
PASS
PASS

N/A = Not Applicable

***** For Further Details, Please Refer To the Following Page(s) *****

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1) US CONSUMER PRODUCT SAFETY IMPROVEMENT ACT OF 2008 (CPSIA) WITH AMENDMENT (H.R.2715)

▼ Lead in surface-coating and similar materials of children's products.....N/A

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA) and 16 CFR Ch.II part 1303 of Consumer Product Safety Commission of U.S.A, method CPSC-CH-E1003-09 was used and total lead content was determined by ICP-OES/AAS.

N/A = Not Applicable (as received, there was no paint or similar surface-coating material on the submitted sample(s), so it is not applicable to the requirement of this standard)

▼ Lead in substrate materials of children's products

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA), method(s) CPSC-CH-E1001-08.1/CPSC-CH-E1002-08.1 were used and total lead content was determined by ICP-OES/AAS.

Tested Item	Result (ppm)				Limit (ppm)
	(1)	(2)	(3)	(4)	
Total Lead (Pb)	<5	<5	<5	<5	100

Tested Component(s):

- (1) Blue plastic
- (2) Green plastic
- (3) Red plastic
- (4) Red soft plastic

Remark:

- <= Less than
- ppm = parts per million = mg/kg

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▼ **Phthalates in children's toys and child care articles**

As specified in Consumer Product Safety Improvement Act of 2008 (CPSIA), method CPSC-CH-C1001-09.3 was used and phthalates were determined by gas chromatograph with mass spectrometry (GC-MS).

Tested Item	Result (%)	Limit
	Red soft plastic	(%)
Di-2-ethylhexyl Phthalate (DEHP)	<0.003	0.1
Dibutyl Phthalate (DBP)	<0.003	0.1
Benzylbutyl Phthalate (BBP)	<0.003	0.1

Tested Item	Result (%)	Limit
	Red soft plastic	(%)
Diisononyl Phthalate (DINP)	<0.005	0.1
Di-n-octyl Phthalate (DNOP)	<0.003	0.1
Diisodecyl Phthalate (DIDP)	<0.005	0.1

Remark:

- < = Less than
- % = Percentage
- ^{#01}: CTI conducted phthalates test on the component(s) which was/were identified by the client, and the testing result(s) can meet CPSIA requirement.

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2) ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION FOR TOY SAFETY

▼ Mechanical and Physical test

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

<u>Clause</u>	<u>Description</u>	<u>Assessment</u>
4.	Safety Requirements	
4.1	Material Quality (Visual Examination).....	Pass
4.6	Small Objects.....	N/A
4.7	Accessible Edges.....	Pass
4.9	Accessible Points.....	Pass
4.12	Plastic Film	N/A
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

N/A = Not Applicable

Note:

- Only applicable clause(s) was/were shown.

▼ Clause 4.2 Flammability of toys

As specified in ASTM F963-11 standard consumer safety specification for toy safety.

Flammability Test on Solid

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

Note:

- Only applicable clause(s) was/were shown.

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3) EUROPEAN REGULATION(EC) NO. 1907/2006, REACH & AMENDMENT NO.552/2009 ANNEX XVII

▼ Cadmium and its compounds

As specified in entry 23, annex XVII of European regulation (EC) No. 1907/2006 (REACH) with amendments No.552/2009 & No.494/2011, method BS EN 1122:2001 Method B was used and total Cadmium content was determined by ICP-OES/AAS.

Tested Item	Result (%)				Limit (%)
	(1)	(2)	(3)	(4)	
Cadmium (Cd)	<0.0005	<0.0005	<0.0005	<0.0005	0.01

Tested Component(s):

- (1) Blue plastic
- (2) Green plastic
- (3) Red plastic
- (4) Red soft plastic

Remark:

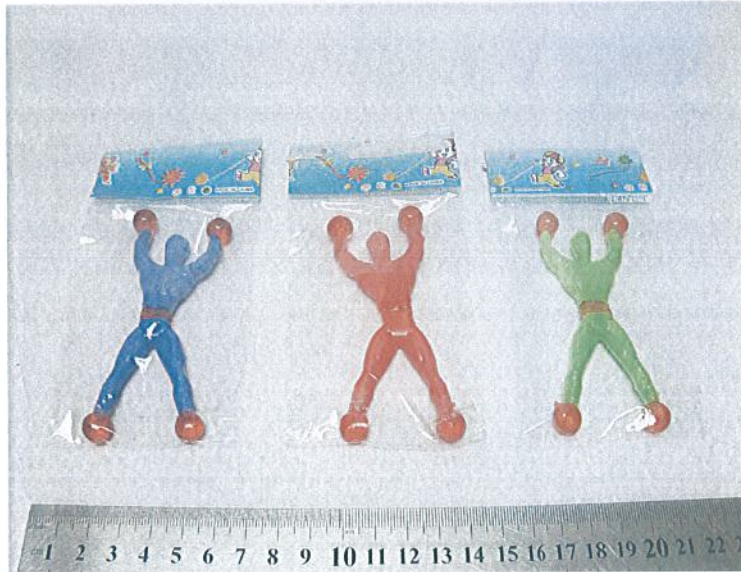
- <= Less than
- %= Percentage

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Photo of the sample



*** End of report ***

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