

## Test Report

No. SH9155003/CHEM

Date: Aug. 14, 2009

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YICHI HSIUNG IND.CORP.

NO.51, LANE 40, BEITANG RD, HOMEI TOWNSHIP, CHANGHUA COUNTY, TAIWAN 508

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : TIRE SWING  
SGS Ref No. : SHT002917127  
Item No. : P10162WA

Sample Receiving Date : Aug.11, 2009  
Testing Period : Aug.11-14, 2009

Test Requested : As specified by client, selected parts of the submitted sample(s) for compliance with Public Law 110-314 (Consumer Product Safety Improvement Act of 2008, CPSIA):-  
1) Lead in accessible substrate materials  
2) Phthalates

Test Method/Test Results: Please refer to next page(s).

Result Summary :

<u>Item</u>	<u>Test Parameter</u>	<u>Conclusion</u>
1	CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)	<b>PASS</b>
2	CPSIA section 108 - Phthalates	<b>PASS</b>

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory



Sandy Hao  
Lab Manager

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Test Results:

## 1) Lead in accessible substrate materials(Unit:%)

Method (non-metallic materials): CPSC Test Method: CPSC-CH-E1002-08 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product'

Method (metal materials): CPSC Test Method: CPSC-CH-E1001-08 'Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)'.

Test item	<u>1</u>	<u>2</u>	<u>3</u>	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03
Comment	PASS	PASS	PASS	---

Test item	<u>4</u>	<u>5</u>	Permissible Limit**
Lead (Pb)	ND	ND	0.03
Comment	PASS	PASS	---

\*\* Comment is based on the 0.03 % limit requirement, effective 14 August, 2009. The requirements for lead in substrate in children's products is summarized below

Scope	Requirement	Effective date
Lead in accessible substrate	≤ 0.06 %	10 February 2009
	≤ 0.03 %	14 August 2009
	≤ 0.01%	14 August 2011

- Note:
1. % = percentage by weight
  2. 1% = 10000ppm (mg/kg)
  3. ND = not detected
  4. Method Detection Limit = 0.002 %

## 2) Phthalates(Unit:%)

Method: With reference to ASTM D3421-75. Analysis was performed by Gas Chromatography / Mass Spectrometry.

### Concentration of phthalates in components of toy product

Test item(s)	<u>1</u>	<u>2</u>	Permissible Limit
Dibutyl Phthalate(DBP)	ND	ND	0.1
Benzylbutyl Phthalate(BBP)	ND	ND	0.1
Bis-(2-ethylhexyl) Phthalate(DEHP)	ND	ND	0.1
Comment	PASS	PASS	---

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Concentration of phthalates in components of toy that can be placed in the mouth or childcare article

Test item(s)	<u>1</u>	<u>2</u>	Permissible Limit
Diisononyl Phthalate(DINP)	ND	ND	0.1
Di-n-octyl Phthalate(DNOP)	ND	ND	0.1
Diisodecyl Phthalate(DIDP)	ND	ND	0.1
<b>Comment</b>	<b>PASS</b>	<b>PASS</b>	---

Note : 1. % = percentage by weight

2. 1% = 10000ppm (mg/kg)

3. ND = not detected

4. Method Detection Limit for each of DBP, BBP, DEHP and DNOP = 0.003 %

5. Method Detection Limit for each of DINP and DIDP = 0.01 %

### Test Part Description:

1. Green plastic (body)
2. Red plastic (body)
3. Silvery metal ring
4. Silvery metal nut
5. Silvery metal washer

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Sample photo:



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SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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