

## Test Report

No. SH8168415/CHEM

Date: Nov. 24, 2008

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YI CHI 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 : SWING SEAT (RED) 12MM PE, LENGTH 40"  
SGS Ref No. : SHT002812117  
Item No. : P1138WR01

Sample Receiving Date : Nov.19, 2008  
Testing Period : Nov.19 – 24, 2008

Test Requested : For compliance with Lead in accessible substrate materials and Phthalates content in US Public Law 110-314 (HR 4040 'Consumer Product Safety Improvement Act of 2008')

Test method : Please refer to next page(s).

Results summary :

Test item	Result
Lead in accessible substrate materials	PASS
Phthalates	PASS

Overall Conclusion : The submitted samples comply with the requested test requirements in US Public Law 110-314 (HR 4040 'Consumer Product Safety Improvement Act of 2008')

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory

*Sandy Hao*

Sandy Hao  
Lab Manager

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### Test Results:

(1) Lead content in accessible substrate materials

Test Method: Acid digestion followed by Atomic Absorption Spectrometer

Test item(s)	1	2	3	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

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

Scope	Requirement	Effective date
Lead in substrate other than paint/similar surface coating material	≤0.06%	10 February 2009
	≤0.03%	14 August 2009
	≤0.01%	14 August 2011

### Sample Description:

1. Red plastic swing seat
2. Black rope
3. Black plastic

### Note:

- 1) %=percentage by weight
- 2) ND=not detected
- 3) Method Detection Limit =0.002%

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Test Results:

(2) Phthalates

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

### Toys and childcare articles

Test item(s)	1	2	3	Permissible Limit
Dibutyl Phthalate(DBP)	ND	ND	ND	0.1%
Benzylbutyl Phthalate(BBP)	ND	ND	ND	0.1%
Bis-(2-ethylhexyl) Phthalate(DEHP)	ND	ND	0.009%	0.1%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

### Toys that can be placed in the mouth and childcare articles

Test item(s)	1	2	3	Permissible Limit
Diisononyl Phthalate(DINP)	ND	ND	ND	0.1%
Di-n-octyl Phthalate(DNOP)	ND	ND	ND	0.1%
Diisodecyl Phthalate(DIDP)	ND	ND	ND	0.1%
<b>Conclusion</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

### Sample Description:

1. Red plastic swing seat
2. Black rope
3. Black plastic

### Note:

- 1) %=percentage by weight
- 2) ND=not detected
- 3) Method Detection Limit for each of DBP, BBP, DEHP and DNOP =0.003%
- 4) Method Detection Limit for each of DINP and DIDP =0.010%
- 5) Effective Date = 10 February 2009

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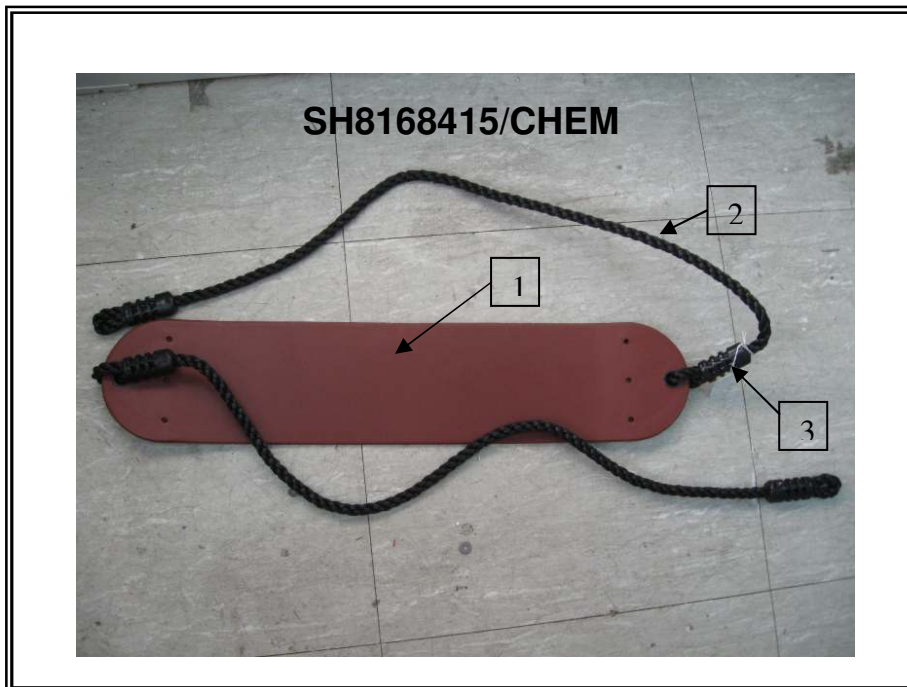
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Sample photo:



SGS authenticate the photo on original report only

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

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