

## Test Report

No. SH9067714-1/CHEM

Date: Apr. 23, 2009

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YI CHI HSIUNG IND. CORP.

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

THIS REPORT IS TO SUPERSEDE TEST REPORT NO.SH9067714/CHEM DATE: 2009/04/17

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

Sample Name : PLASTIC HALF BUCKET SWING SEAT (YELLOW)  
SGS Ref No. : SHT002904416  
Item No. : P10091

Sample Receiving Date : Mar.17, 2009  
Testing Period : Mar.17– 20, 2009

Test Requested :As specified by client, to determine lead content in accessible substrate materials and phthalates content in the selected parts of the submitted sample(s) with reference to US Public Law 110-314(Consumer Product Safety Improvement Act of 2008).

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

Result Summary :

<u>Test item</u>	<u>Conclusion</u>
Lead in accessible substrate materials	PASS
Phthalates	PASS

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 (Unit:%)

Test Method: Acid digestion followed by Atomic Absorption Spectrometer or Inductively Coupled Argon Plasma – Atomic Emission Spectrometer.

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

\*\* 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

## Note:

- 1) %=percentage by weight
- 2) ND=not detected
- 3) Method Detection Limit =0.002%
- 4) <sup>▲</sup>Result of sample 1 is taken from report No. SH9040794/CHEM-2, Date: 2009/03/20.
- 5) <sup>▲</sup>Result of sample 2 is taken from report No. SH9040794/CHEM-3, Date: 2009/03/20.
- 6) <sup>▲</sup>Result of sample 3 is taken from report No. SH9040794/CHEM-4, Date: 2009/03/20.

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### (2) Phthalates content (Unit:%)

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

#### Toys and childcare articles

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

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

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

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
- 6) <sup>▲</sup>Result of sample 1 is taken from report No. SH9040794/CHEM-2, Date: 2009/03/20.

#### Sample Description:

1. Yellow plastic (swing seat)
2. Silvery metal handle
3. Silvery metal rivet

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