



## Test Report

No. SH9023263/CHEM

Date: Feb. 27, 2009

Page 1 of 5

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 : DELUXE 3 IN 1 SWING  
SGS Ref No. : SHT002902743  
Item No. : P1018TWR

Sample Receiving Date : Feb.23, 2009  
Testing Period : Feb.23 –26, 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

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.



3rd Building, No.889, Yishan Road, Shanghai, China  
中国·上海·宜山路889号3号楼

200233  
邮编: 200233

T&E:(86-21) 61402553 T&E:(86-21) 64953679  
HL:(86-21) 61402594 HL:(86-21) 54500353

[www.cn.sgs.com](http://www.cn.sgs.com)  
e [sgs.china@sgs.com](mailto:sgs.china@sgs.com)

# Test Report

No. SH9023263/CHEM

Date: Feb. 27, 2009

Page 2 of 5

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	2	3	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03
Comment	PASS	PASS	PASS	---

Test item(s)	4	5	6	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03
Comment	PASS	PASS	PASS	---

Test item(s)	7	Permissible Limit**
Lead (Pb)	ND	0.03
Comment	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%

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not operate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.

# Test Report

No. SH9023263/CHEM

Date: Feb. 27, 2009

Page 3 of 5

(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	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	ND	0.1
Comment	PASS	PASS	PASS	---

Test item(s)	5	6	7	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	ND	0.1
Comment	PASS	PASS	PASS	---

## 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
Comment	PASS	PASS	PASS	---

Test item(s)	5	6	7	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
Comment	PASS	PASS	PASS	---

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%

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not constitute a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.

## Test Report

No. SH9023263/CHEM

Date: Feb. 27, 2009

Page 4 of 5

5) Effective Date = 10 February 2009

### Sample Description:

1. Blue plastic
2. Red plastic
3. Yellow plastic
4. Colorful metal ring
5. White webbing
6. White plastic rope
7. Black plastic buckle

Sample photo:



This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.





SGS authenticate the photo on original report only

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

This document is issued by the Company under its General Conditions of Service printed overleaf or available on request and accessible at [http://www.sgs.com/terms\\_and\\_conditions.htm](http://www.sgs.com/terms_and_conditions.htm). Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested. This document cannot be reproduced except in full, without prior approval of the Company.