



# Test Report

No.: GZ0908072415/CHEM

Date: AUG 11, 2009

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LASCAL LIMITED  
UNIT 919, 9/F, TOWER 3, CHINA HONG KONG CITY, 33 CANTON ROAD, KOWLOON, HONG KONG

The following sample(s) was/were submitted and identified on behalf of the client as Buggy Board Maxi

SGS Ref No. : GZHGR2009021421  
 Client Reference Information : Style / Item No.: 2530(Maxi-Black), 2540(Maxi-Blue), 2550(Maxi-Red)  
 Manufacturer : JACTOYS LIMITED  
 Country of Origin : CHINA  
 Country of Destination : EU, US, JAPAN  
 Sample Receiving Date : AUG 05, 2009  
 Testing Period : AUG 05, 2009 TO AUG 11, 2009

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

Methods and Results : Please refer to next page(s).

Result Summary :

Item	Test Parameter	Conclusion
1	CPSIA section 101(f) - Lead in paint/similar surface coating material	PASS
2	CPSIA section 101(a)(2) - Lead in accessible substrate materials	PASS
3	CPSIA section 108 - Phthalates	PASS

Signed for and on behalf of  
SGS-CSTC Ltd.

Allen Xie  
Lab. Supervisor

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Test Results :

## 1) Lead in paint/similar surface coating material

Method: CPSC Test Method: CPSC-CH-E1003-09 'Standard Operation Procedure for Determining Total Lead (Pb) in paint and other similar surface coating' (ASTM E1645-01 (2007) and E1613-04).

Test item	No.1	No.2	No.5	Permissible Limit*
Lead (Pb)	ND	ND	ND	0.009 %
<b>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

Test item	No.14	No.15	No.17	Permissible Limit*
Lead (Pb)	ND	ND	ND	0.009 %
<b>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

\* Comment is based on the 0.009 % limit requirement, effective 14 August, 2009. The current permissible limit is no more than 0.06 %

- Note:
1. % = percentage by weight
  2. 1% = 10000ppm (mg/kg)
  3. ND = not detected
  4. Method Detection Limit = 0.0020 %

## 2) Lead in accessible substrate materials

Method (non-metallic materials): CPSC Test Method: CPSC-CH-E1002-08 'Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product' (EPA 3052: 1996)

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	No.4	No.7	No.8	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03 %
<b>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

Test item	No.9	No.10	No.11	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03 %
<b>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

Test item	No.12	No.13	No.19	Permissible Limit**
Lead (Pb)	ND	ND	ND	0.03 %
<b>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

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Guangzhou Chemical Laboratory

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\*\* 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 = 0.0020 %

### 3) Phthalates

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

#### Concentration of phthalates in components

Test item	No.3	No.4	No.6	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%
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>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

Test item	No.7	No.8	No.13	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%
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>Comment</b>	<b>PASS</b>	<b>PASS</b>	<b>PASS</b>	---

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Test item	No.16	No.18	No.19	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%
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>Comment</b>	<b>PASS</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 %

**Sample Description :**

- No. 1 Red w/ yellow coating on plastic(logo)
- No. 2 Black w/ grey coating on plastic(logo)
- No. 3 White plastic w/ multicolor coating(logo)
- No. 4 Red plastic(button)
- No. 5 Silvery coating on plastic(logo)
- No. 6 Black plastic w/ silvery coating (logo)
- No. 7 Black plastic(base)
- No. 8 Black rubber(wheel)
- No. 9 Black surfaced metal (axis of wheel)
- No. 10 Silvery metal (plug)
- No. 11 Black knitting belt (tape)
- No. 12 Yellow thread(tape)
- No. 13 Red plastic(buckle)
- No. 14 White coating on plastic(logo)
- No. 15 Red w/ black coating on plastic(logo)
- No. 16 White plastic w/ multicolor coating (logo)
- No. 17 Blue w/ black coating on plastic(logo)
- No. 18 White plastic / multicolor coating (logo)
- No. 19 Blue plastic(button)

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