



Test Report

No. SHT002928207-1

Date: FEB 04, 2010

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YI CHI HSIUNG IND. CORP.
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THIS REPORT IS TO SUPERSEDE TEST REPORT NO.:SHT002928207, DATE:FEB.02,2010
The following samples were submitted and identified by/on behalf of the client as:

Sample Description : RUBBER MEGA SEAT LARGE

Detail of Sample : SET INCLUDES RUBBER SWING SEAT, 4 METALLIC CONNECTER, 2 METALLIC HANGING CHAIN COVERED WITH PLASTIC SHEET, 2 METALLIC SEAT CONNECTER, COMES WITH AN INSTRUCTION, POLYBAG PACKED.

Sample Quantity : 3 SETS

Style / Item No. : R1139L

Country of Origin : CHINA

Labeled Age Grading : NOT STATED

Requested Age Grading : 5-12 YEARS OLD

Age Group Applied in Testing : 5-12 YEARS

Sample Receiving Date : DEC.30,2009

Resubmitted Sample Date : JAN.28,2010

Further Information Date : FEB.01,2010

Testing Period : DEC.30,2009 TO FEB.01,2010

Test Requested

Result

For compliance with the European Standard on Safety of Toys :

- EN71 Part 2:2006 +A1:2007 – Flammability of Toys Pass
- EN71 Part 3:1994 +A1:2000 +AC:2002 – Migration of Certain Elements Pass
- EN71 Part 8:2003 + A1:2006 + A2:2005 - Safety of Toys – Swings, slides and similar activity toys for indoor and outdoor family domestic use. Pass

Signed for and on behalf of
SGS-CSTC Ltd.

Harry Zhao
Supervisor

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Results :

European Standard on Safety of Toys

- **Flammability of Toys**

As specified in European standard on safety of toys EN71 Part 2 : 2006 + A1:2007.

Clause	Description	Result
4.1	General requirements	Pass

- **Migration of Certain Elements**

Test Method : With reference to EN 71 Part 3:1994 + A1:2000 + AC: 2002, analysis was performed by ICP-OES.

Test Item(s).	Limit.	Unit.	MDL	001.	002.
Soluble Lead (Pb).	90	mg/kg.	5	ND	ND
Soluble Antimony (Sb).	60	mg/kg.	5	ND	ND
Soluble Arsenic (As).	25	mg/kg.	5	ND	ND
Soluble Barium (Ba).	1,000	mg/kg.	10	ND	ND
Soluble Cadmium (Cd).	75	mg/kg.	5	ND	ND
Soluble Chromium (Cr).	60	mg/kg.	5	ND	ND
Soluble Mercury (Hg).	60	mg/kg.	6	ND	ND
Soluble Selenium (Se).	500	mg/kg.	10	ND	ND

Notes :

(1) Results shown are of the adjusted analytical results..

Test Part Description :

Specimen No..	SGS Sample ID.	Description.
1.	SHA09-004761.001	Black rubber(seat).
2.	SHA09-004761.002	Green rubber(tube).

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

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AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 8: 2003 + A1:2006 + A2:2005 - Swings, slides and similar activity toys for indoor and outdoor family domestic use.

Clause Relevant to Sample.

Clause	Description	Result
4	Requirements	
4.1	General	
	4.1.2 Maximum height	N/A
	4.1.3 Corners and edges.....	See remark 1
	4.1.4 Protruding parts.....	Pass
4.3	Entrapment	
	4.3.1 Head and neck entrapment.....	Pass
	4.3.4 Entrapment of fingers.....	Pass
4.6	Swings	
	4.6.1 Stability of swings and other activity toys with crossbeams.....	N/A
	4.6.1.1 General.....	See remark 1
	4.6.1.2 Swings and other activity toys with crossbeams more than 1200mm over the ground.....	N/A
	4.6.2 Strength of crossbeams, swing devices and suspension connectors..	See remark 1
	4.6.6 Lateral stability of swing elements.....	Pass
	4.6.7 Minimum clearance between swing elements and the ground.....	See remark 2
	4.6.8 Suspension connectors and means of suspension.....	N/A
5	Warnings and Labeling	
5.1	Labeling.....	See remark 1
5.2	Assembly and installation instructions.....	N/A
5.3	Maintenance.....	See remark 1
		Pass

N/A = Not Applicable

Remark 1: The submitted sample only included swing device, no crossbeam.

Remark 2: Tested swing device only.

N.B. : - Only applicable clauses were shown.

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Sample Photo:



SGS authenticate the photo on original report only

*** End of Report ***

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