



**Test Report**

No.: SZTYR080303557/TS

Date: MAR 25, 2008

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SWIFTECH COMPANY LTD.  
BLOCK 6, ZHONGSHAN CIVIL  
SCIENCE & TECHNOLOGY PARK,  
ZHONGSHAN CITY, GUANGDONG

The following samples were submitted and identified by/on behalf of the client as:

Sample Description : 10 IN 1 PLAY CENTER

Detail of Sample : PLASTIC PLAYSET, INCLUDING 1 INFLATABLE BOUNCER WITH SLIDE,  
TARGETS, TUNNEL & OBSTACLE, 4 BALL SHAPED DARTS, 50 ASSORTED  
BALLS, 10 GROUND STAKES, 1 REPAIR KIT AND 1 CARRYING BAG. COMES  
WITH AN INSTRUCTION SHEET.

Sample Quantity : 1 PCS  
Style / Item No. : 9106  
Labeled Age Grading : AGES 3 AND UP  
Requested Age Grading : 3-14 YEARS  
Age Group Applied in Testing : OVER 3 YEARS  
Sample Receiving Date : MAR 12, 2008  
1<sup>ST</sup> Resubmitted Sample Date : MAR 21, 2008  
2<sup>ND</sup> Resubmitted Sample Date : MAR 25, 2008  
Testing Period : MAR 12, 2008 TO MAR 25, 2008

Test Requested

Result

For compliance with the European Standard on Safety of Toys :-

- EN71 Part 1:2005 – Mechanical and Physical Properties
- EN71 Part 2:2006 – Flammability of Toys
- EN71 Part 3:1994 +A1:2000 + AC:2002 – Migration of Certain Elements

Pass  
Pass  
Pass

\*\*\*\*\* FOR FURTHER DETAILS, PLEASE REFER TO THE FOLLOWING PAGE(S) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Ltd.

Lui-Pat Wah, Wallace  
Senior Technical Manager  
HOKLAS Approved Signatories

Hong Kong Accreditation Service (HKAS) has accredited this laboratory under the Hong Kong Laboratory Accreditation Scheme (HOKLAS) for specific laboratory activities as listed in the HOKLAS directory of accredited laboratories. The results shown in this report were determined by this laboratory in accordance with its terms of accreditation.

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Results :

European Standard on Safety of Toys

**- Mechanical and Physical Properties**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 1: 2005.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
<b>4</b>	<b>General requirements</b>	
4.1	Material (by visual assessment).....	<u>Pass</u>
4.2	Assembled Toys.....	<u>Pass</u>
4.3	Flexible plastics sheeting.....	<u>Pass</u>
4.7	Edges .....	<u>Pass</u>
4.8	Points and Wires .....	<u>Pass</u>
4.14	Enclosures:	
	4.14.1 Toys which a child can enter .....	<u>Pass</u>
4.15	Toys intended to bear the mass of a child:	
	4.15.4 Toys not propelled by a child .....	<u>Pass</u>
4.17	Projectiles .....	<u>Pass</u>
4.22	Small balls .....	<u>Pass</u>
<b>5</b>	<b>Toys intended for children under 36 months</b>	
5.4	Cords on toys .....	<u>See Remark</u>
	(Remark : The cord on toy present potential entanglement hazard. It is acceptable because appropriate age warning was found on the packaging.)	
6	Packaging .....	<u>Pass</u>
7	Warnings and instructions for use	
7.1	General Requirements .....	<u>Pass</u>
7.2	Toys not intended for children under 36 months .....	<u>Pass</u>

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**- Flammability of Toys**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 2: 2006.

Clause	Description	Result
4.1	General Requirements .....	Pass
4.4	Toys intended to be entered by a child .....	Pass (See Note)
4.5	Filled soft toys (animals and dolls, etc) with a piled or textile surface .....	Pass (See Note)

Note :  
Toys Intended to be Entered by a Child (Clause 4.4)

Sample	Burning Rate (mm/sec)
10 IN 1 PLAY CENTER	DNI

(Requirement: The rate of spread of flame on the surface of toy shall not exceed 30mm/s or shall self-extinguish; There shall be no flaming debris or molten drips if the burn rate greater than 20mm/s.)

Soft Filled Toys (animals and dolls, etc) with a piled or textile surface (Clause 4.5)

Sample	Burning Rate (mm/sec)
10 IN 1 PLAY CENTER	DNI

(The rate of spread of flame on the surface of toy shall be not greater than 30 mm/sec)

DNI = Did Not Ignite

\*\*\*\*\*

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**- Migration of Certain Elements**

AS SPECIFIED IN EUROPEAN STANDARD ON SAFETY OF TOYS EN71 PART 3 : 1994 (INCLUDES AMENDMENT A1:2000 AND AMENDMENT AC:2002) - MIGRATION OF CERTAIN ELEMENTS. ANALYSIS WAS PERFORMED BY INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETER.

Element	1	2	3	4	5	6	7	8	Limit
Soluble Lead (Pb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	< 5	< 5	< 5	< 5	< 5	6	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	25 mg/kg
Soluble Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	30	75	1000 mg/kg
Soluble Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Mercury (Hg)	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	60 mg/kg
Soluble Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	500 mg/kg

Element	9	10	11	12	13	14	15	16	Limit
Soluble Lead (Pb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	25 mg/kg
Soluble Barium (Ba)	11	< 10	< 10	28	15	< 10	< 10	< 10	1000 mg/kg
Soluble Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Mercury (Hg)	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	60 mg/kg
Soluble Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	500 mg/kg

Mass of trace amount of sample 14# = 25.9mg

Specimen Description:

- |  |                                     |
|--|-------------------------------------|
| 1. Black netting                                   | 9. White coating on fabric          |
| 2. Yellow fabric w/ white plastic sheet backing    | 10. Green coating on fabric         |
| 3. Red fabric w/ white plastic sheet backing       | 11. Blue coating on fabric          |
| 4. Orange fabric w/ white plastic sheet backing    | 12. Dk. blue coating on fabric      |
| 5. Green fabric w/ white plastic sheet backing     | 13. Black coating on fabric         |
| 6. Dk. green fabric w/ white plastic sheet backing | 14. Yellow coating on fabric        |
| 7. Dk. green plastic sheet                         | 15. Green woven band (Handle)       |
| 8. Red coating on fabric                           | 16. Dk. green woven sheet (Binding) |

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Element	17	18	19	20	21	22	23	24	Limit
Soluble Lead (Pb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	25 mg/kg
Soluble Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1000 mg/kg
Soluble Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Mercury (Hg)	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	60 mg/kg
Soluble Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	500 mg/kg

Element	25	26	27	28	29	30	31	32	Limit
Soluble Lead (Pb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	< 5	< 5	< 5	< 5	8	7	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	25 mg/kg
Soluble Barium (Ba)	< 10	< 10	< 10	< 10	< 10	29	31	< 10	1000 mg/kg
Soluble Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Mercury (Hg)	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	<6.7	60 mg/kg
Soluble Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	< 10	500 mg/kg

Specimen Description:

- |  |                              |
|--|------------------------------|
| 17. Lt. yellow sewn-in fabric label            | 25. Red fabric               |
| 18. Yellow Cord                                | 26. Pink plastics (Ball)     |
| 19. Black velcro                               | 27. Yellow plastics (Ball)   |
| 20. Yellow plastics (Stake)                    | 28. Blue plastics (Ball)     |
| 21. Transparent adhesive plastic sheet (Patch) | 29. Red woven sheet (Handle) |
| 22. Black woven sheet (Binding)                | 30. Green plastic sheet      |
| 23. Red velcro                                 | 31. Orange plastic sheet     |
| 24. Yellow velcro                              | 32. Red plastics (Ball)      |

- < = Less than
- Results shown are of the adjusted analytical results.

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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