

TEST REPORT

Mechanical & Hardgoods Lab

Report No : HY/2008/70052

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Date : 2008/07/14

KINLUX INDUSTRIAL CORPRATION

201 MING CHUAN ROAD, SEC. 2, TAINAN 700 TAIWAN

The following merchandise was submitted & identified by the applicant as:

Type of Product: GAME SETS
Style/Item No: PC5576-25
Manufacturer/Vendor: KINLUX INDUSTRIAL CORPORATION
Country of Origin: CHINA
Labeled Age Grading: Not Stated
Age group Applied in Testing: 3 Years And Up
Date of Sample received: 2008/06/19 & 2008/07/03

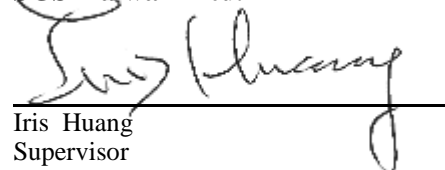
We have tested the submitted sample(s) as requested and the following results were obtained:

<u>Test Requested</u>	<u>Result</u>
European Standard on Safety of Toys :	
- EN71 Part 1:2005 / A3:2006 / A4:2007/ AC:2006 – Mechanical and Physical Properties (Excluding Clause 7)	<u>Pass</u>
- EN71 Part 2:2006 / AC:2006 – Flammability	<u>Pass</u>
- EN 71 Part 3:1994 , A1:2000, AC:2000 and AC:2002 – Migration of Certain Elements	<u>Pass</u>

* This report is combined with report of HY/2008/60411 *

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

Signed for and on behalf of
SGS Taiwan Ltd.


Iris Huang
Supervisor

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Test Results:

European Standard - Safety of Toys: EN71 Part 1:2005/ A3:2006 / A4:2007 / AC:2006

– Mechanical and Physical Properties

4.1	Material	<u>PASS</u>
4.2	Assembly	<u>N/A</u>
4.3	Flexible plastic sheeting	<u>PASS</u>
4.4	Toy bags	<u>N/A</u>
4.5	Glass	<u>N/A</u>
4.6	Expanding materials	<u>N/A</u>
4.7	Edges	<u>PASS</u>
4.8	Points and wires	<u>PASS</u>
4.9	Protruding parts	<u>N/A</u>
4.10.1	Folding and slide mechanism	<u>N/A</u>
4.10.2	Driving mechanisms	<u>N/A</u>
4.10.3	Hinges	<u>N/A</u>
4.10.4	Spring	<u>N/A</u>
4.11	Mouth-actuated toys	<u>N/A</u>
4.12	Balloons	<u>N/A</u>
4.13	Cords of toy kites and other flying toys	<u>N/A</u>
4.14.1	Toys which a children can enter	<u>N/A</u>
4.14.2	Masks and helmets	<u>N/A</u>
4.15.1	Toys propelled by the child or by other means	<u>N/A</u>
4.15.2	Free-wheeling toy bicycles	<u>N/A</u>
4.15.3	Rocking horses and similar toys	<u>N/A</u>
4.15.4	Toys not propelled by a child	<u>N/A</u>
4.15.5	Toy scooters	<u>N/A</u>
4.16	Heavy immobile toys	<u>N/A</u>
4.17	Projectiles	<u>N/A</u>
4.18	Aquatic toys	<u>N/A</u>
4.19	Percussion caps specifically designed for use in toys	<u>N/A</u>
4.20	Acoustics	<u>N/A</u>
4.21	Toys containing a heat source	<u>N/A</u>
4.22	Small balls	<u>N/A</u>

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5	Toys intended for children under 36 months	
5.1	General requirement	<u>N/A</u>
5.2	Filling materials	<u>N/A</u>
5.3	Plastic sheeting	<u>N/A</u>
5.4	Cords on toys	<u>N/A</u>
5.5	Liquid-filled toys	<u>N/A</u>
5.6	Speed limitation of electrically driven toys	<u>N/A</u>
5.7	Glass and porcelain	<u>N/A</u>
5.8	Shape and size of certain toys	<u>N/A</u>
5.9	Toys comprising monofilament fibres	<u>N/A</u>
5.10	Small balls	<u>N/A</u>
5.11	Play figures	<u>N/A</u>
5.12	Hemispheric shaped toys	<u>N/A</u>
5.13	Suction cups	<u>N/A</u>
6	Packaging	<u>N/A</u>
7	<p>Warnings and instruction for use (Note: It is drawn to your attention that the warnings, precautions and instructions for use should be given in the national language(s) of the country where the toy is sold.)</p> <p>7.1 General Requirements (Remark 1: It is drawn to your attention that the toy or its packaging shall bear the name and address of the manufacturer or his authorised representative or the importer, and retain statement in a visible, easily legible and indelible form together with the CE-marking as declaration of conformity with the safety requirements of the directive.)</p>	<p><u>EXCLUDED</u> (See Remark 1)</p>

N/A : Not Applicable

European Standard - Safety of Toys : EN 71 Part 2:2006 / AC:2006 - Flammability of Toys

4.1	General Requirements	<u>PASS</u>
4.2	Toys to be worn on the head	<u>N/A</u>
4.3	Toy disguise costumes and toys intended to be worn by a child in play	<u>N/A</u>
4.4	Toys intended to be entered by a child	<u>N/A</u>
4.5	Soft filled toys(animals and dolls, etc) with a piled or textile surface	<u>N/A</u>

N/A : Not Applicable

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EN 71 Part 3:1994 with the incorporation of amendments A1:2000, AC:2000 and AC:2002

- Migration of Certain Element

PASS

Element	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	Limit
Lead (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	90 mg/kg
Antimony (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	60 mg/kg
Arsenic (Soluble)	< 2.5	< 2.5	< 2.5	< 2.5	< 2.5	25 mg/kg
Barium (Soluble)	36.0	< 10.0	< 10.0	< 10.0	255.0	1000 mg/kg
Cadmium (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	75 mg/kg
Chromium (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	60 mg/kg
Mercury (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	60 mg/kg
Selenium (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	500 mg/kg

Element	<u>6</u>	<u>7</u>	<u>8</u>	<u>9</u>	Limit
Lead (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	90 mg/kg
Antimony (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	60 mg/kg
Arsenic (Soluble)	< 2.5	< 2.5	< 2.5	< 2.5	25 mg/kg
Barium (Soluble)	< 10.0	510.0	< 10.0	< 10.0	1000 mg/kg
Cadmium (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	75 mg/kg
Chromium (Soluble)	< 5.0	< 5.0	< 5.0	8.0	60 mg/kg
Mercury (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	60 mg/kg
Selenium (Soluble)	< 5.0	< 5.0	< 5.0	< 5.0	500 mg/kg

Description:

1. White plastic of sample.
2. Orange coating of sample.
3. Blue coating of sample.
4. Brown coating of sample.
5. Yellow coating of sample.
6. Peach coating of sample.
7. Green coating of sample.
8. White paper of sample.
9. Multicolored printing of sample.(card)

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NOTE:

- mg/kg = ppm
- " < " =Less than"

Testing period : 2008/07/04 – 07/11

Sample picture (As received)



** End of Report **