

Test Report

No. 2228182/TY

Date : Mar 25 2009

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HOPSTECH INDUSTRIES LTD.
RM. 1411, BLK. A,
HOI LUEN IND. CENTRE,
55 HOI YUEN RD., KWUN TONG,
KOWLOON, HONG KONG

The following samples were submitted and identified on behalf of the client as
ZOOB CREATOR KIT

Detail of Sample: PLAY SET CONTAINS 80 PLASTIC BLOCKS, 110 FOAM PIECES, 8 FOAM
 SHEETS & 5 COMPLETE INSTRUCTION GUIDES. PRINTED BOX PACKED.

Sample Quantity : 3 PCS
Style/Item No. : 11080
Buyer : INFINITOY, INC.
Manufacturer : HOPSTECH INDUSTRIES LTD.
Country of Origin : CHINA
Country of Destination : USA / EUROPE
Labeled Age Grading : FOR AGES 6 & UP
Requested Age Grading : FOR AGES 6 & UP
Age Group Applied in Testing : OVER 6 YEARS
Sample Receiving Date : MAR 06, 2009
Further Information Date : MAR 23, 2009
Testing Period : MAR 06, 2009 TO MAR 24, 2009

Test Requested

Result

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

- EN71 Part 1:2005 + A6:2008 – Mechanical and Physical Properties
- EN71 Part 2:2006 + A1:2007 – 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 Hong Kong Ltd



S Y Leung
Senior Technical Development Manager
HOKLAS Approved Signatory



Chau Wing Yee, Miranda
Laboratory Executive
HOKLAS Approved Signatory

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Results:

European Standard on Safety of Toys

Mechanical & Physical Properties

As specified in European standard on safety of toys EN71 Part 1:2005 + A6:2008

<u>Clause</u>	<u>Description</u>	<u>Results</u>
4	General requirements	
4.1	Material (by visual assessment)	Pass
4.7	Edges	Pass
4.8	Points and metallic wires	Pass
5	Toys intended for children under 36 months	
5.1	General requirements: (Remark : Small part was found after test. It is acceptable because appropriate age warning is found on packaging.)	See Remark
6	Packaging	Pass
7	Warnings and instructions 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.)	
7.1	General Requirements	Pass
7.2	Toys not intended for children under 36 months	Pass

- Flammability of Toys

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

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.1	General requirements	Pass

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- Migration of Certain Element

As specified in European standard on safety of toys EN71 PART 3 : 1994 + A1:2000/AC:2002 – Migration of certain element were performed by Atomic Absorption or Inductively Coupled Argon Plasma Spectrometry.

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

Element	<u>7</u>	<u>8</u>	<u>9</u>	<u>10</u>	<u>11</u>	<u>12</u>	<u>13</u>	Limit
Soluble Lead (Pb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	90 mg/kg
Soluble Antimony (Sb)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Arsenic (As)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	25 mg/kg
Soluble Barium (Ba)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	1000 mg/kg
Soluble Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	< 5	< 5	75 mg/kg
Soluble Chromium (Cr)	< 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	60 mg/kg
Soluble Selenium (Se)	< 10	< 10	< 10	< 10	< 10	< 10	< 10	500 mg/kg

1. Grey Plastic (Connector)
2. Dk. Red Plastic (Connector)
3. Blue Plastic (Connector)
4. Green Plastic (Connector)
5. Yellow Plastic (Connector)
6. White Foam (Kit)
7. Blue Foam (Kit)
8. Orange Foam (Kit)
9. Red Foam (Kit)
10. Purple Foam (Kit)
11. Grey Foam (Kit)
12. Green Foam (Kit)
13. Yellow Foam (Kit)

N.B. : - < = Less than
 - Result shown are of the adjusted analytical result.
 - Only applicable clauses were shown.

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