

Test Report

No. 2295437/TY

Date : May 19 2010

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HOPSTECH INDUSTRIES LIMITED
ROOM 1411, BLK. A, HOI LUEN IND. CENTRE,
55 HOI YUEN ROAD, KWUN TONG,
KOWLOON, HONG KONG

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

Detail of Sample: PLAY SET CONTAINS PLASTIC BLOCKS & FOAM PIECES, COMES WITH 5
INSTRUCTION MANUALS. WINDOW BOX PACKED.

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
Age Group Applied in Testing : OVER 6 YEARS
Sample Receiving Date : MAY 14, 2010
Testing Period : MAY 14, 2010 TO MAY 18, 2010

TESTING REQUESTED :

For compliance with the Physical & Mechanical, Flammability, Lead & Heavy Metal test requirements
of ASTM F963-08 Standard Consumer Safety Specification on Toy Safety.

RESULTS :

Details please refer to next page.

CONCLUSION :

The submitted samples comply with the requested test requirements.

Signed for and on behalf of
SGS Hong Kong Ltd



Lee Chi Fai, Tom
Senior Lab Manager

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Results :

ASTM F963 – 08

AS SPECIFIED IN ASTM F963-08 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clause Relevant to Sample.

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.0	Safety Requirements	
4.1	Material Quality **	<u>Pass</u>
4.2	Flammability Test	<u>Pass (See Note 1)</u>
4.3.5	Paint & Similar Surface-coating Material	<u>Pass (See Note 2)</u>
4.7	Accessible Edges	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.12	Packaging Film	<u>Pass</u>
5.0	<u>Safety Labelling Requirements</u>	
5.2	Age Grading Labeling	<u>Pass</u>
7.0	<u>Producer's Markings</u>	
7.1	Producer's Markings	<u>Pass</u>
8.5	Normal Use Testing	<u>Pass</u>
8.7	Impact Test	<u>Pass</u>
8.8	Torque Test	<u>Pass</u>
8.9	Tension Test	<u>Pass</u>

** Visual Examination

Note 1 :

Flammability Test (Clause 4.2)
Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>
CREATOR KIT	0.04

Requirement : A toy / component is considered a "flammable solid" if it ignites and burns with a self-sustaining flame at a rate greater than 0.10 in/sec along its major axis.

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Note 2 :

Paint & Similar Surface-coating Material (Clause 4.3.5)

ASTM F963-08 – Heavy Metals Analysis : Total Lead (Clause 4.3.5.1)

Method : CPSC Test Method: CPSC-CH-E1003-09 'Standard Operation Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings'

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Lead (Pb)	ND	20	90
Comment	PASS	--	--

Sample Description:

- Multi-Color Coating on Paper (Card)

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected

Soluble heavy metals in surface coating material(Clause 4.3.5.2)

Method : With reference to ASTM F963-08 Clause 8.3. Analysis was performed by Inductively Coupled Argon Plasma – Atomic Emission Spectrometry.

Test Item	Result (mg/kg)	Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	1		
Soluble Lead (Pb)	ND	5	90
Soluble Antimony (Sb)	ND	5	60
Soluble Arsenic (As)	ND	5	25
Soluble Barium (Ba)	ND	10	1000
Soluble Cadmium (Cd)	ND	5	75
Soluble Chromium (Cr)	ND	5	60
Soluble Mercury (Hg)	ND	5	60
Soluble Selenium (Se)	ND	10	500
Comment	PASS	--	--

Sample Description:

- Multi-Color Coating on Paper (Card)

Note : 1. mg/kg = milligram per kilogram
2. ND = Not Detected
3. Results of soluble heavy metal contents shown are of the adjusted analytical result.

N.B.: - Only applicable clauses were shown

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SGS authenticate the photo on original report only

*** End of Report ***

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