

Test Report

No. 2255179/TY

Date : Sep 04 2009

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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
ZOOB JR 15, ZOOB JR ZOOMER, ZOOB JR 30, ZOOB JR55, ZOOB JR 90

Detail of Sample : 3 SHAPES PLASTIC SNAP, WHEELS AND INSTRUCTION CARDS.

Item / Style No. : 13015, 13020, 13030, 13055, 13090
Buyer : INFINITOY, INC
Manufacturer : HOPSTECH INDUSTRIES LTD
Country of Origin : CHINA
Country of Destination : UNITED STATES
Labeled Age Grading : 3 - 6 +
Age Group Applied in Testing : 3 YEARS +
Sample Receiving Date : AUG 29, 2009
Testing Period : AUG 29, 2009 TO SEP 03, 2009

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

Test 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



Fan Mi Lan, May
Asst. Technical Manager

Test Result :

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	<u>Safety Requirements</u>	
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>
4.8	Projections	<u>Pass</u>
4.9	Accessible Points	<u>Pass</u>
4.10	Wires or Rods	<u>Pass</u>
4.12	Packaging Film	<u>Pass</u>
4.17	Wheels, Tires, and Axles	<u>Pass</u>
4.18	Holes, Clearance & Accessibility of Mechanisms	<u>Pass</u>
5.0	<u>Safety Labelling Requirements</u>	
5.2	Age Grading Labeling	<u>Pass</u>
7.0	<u>Producers 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>
ZOOB JR 15, ZOOB JR ZOOMER, ZOOB JR 30, ZOOB JR55, ZOOB JR 90	0.03

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'

Individual Component Result

Test Item	Result (mg/kg)		Detection Limit (mg/kg)	Permissible Limit (mg/kg)
	1	2		
Lead (Pb)	30	48	20	90
Comment	PASS	PASS	--	--

Sample Description :

1. Purple Coating on Metal (Zipper Head)
2. Red Coating on Metal (Zipper Head)

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

ASTM F963-08 – Heavy Metals Analysis : Soluble Heavy Metal (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	2		
Soluble Lead (Pb)	ND	ND	5	90
Soluble Antimony (Sb)	ND	ND	5	60
Soluble Arsenic (As)	ND	ND	5	25
Soluble Barium (Ba)	18	ND	10	1000
Soluble Cadmium (Cd)	ND	ND	5	75
Soluble Chromium (Cr)	ND	ND	5	60
Soluble Mercury (Hg)	ND	ND	6.7	60
Soluble Selenium (Se)	ND	ND	10	500
Comment	PASS	PASS	--	--

Mass of trace amount of Sample No. 1 = 27.4 mg
Mass of trace amount of Sample No. 2 = 34.3 mg

Sample Description :

1. Red Coating on Metal (Zipper Head)
2. Purple Coating on Metal (Zipper Head)

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.

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*** End of Report ***