



Test Report

No.: SHTY120400004898

Date: May 04, 2012

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THE FRECKLED FROG
130 CHIRNSIDE ST, KINGSVILLE

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

Sample Description : THE WHIZZY DIZZY/ SPINNER

Detail of Sample : WOODEN WHIZZY SPINNER, PRINTED CARTON BOX PACKED.

Sample Quantity : 2 SETS
Buyer : LAKESHORE LEARNING MATERIALS
Manufacturer : THE FRECKLED FROG
Country of Origin : CHINA
Labeled Age Grading : 3+
Requested Age Grading : 3+
Age Group Applied in Testing : 3+ YEARS
Sample Receiving Date : APR 16, 2012
Testing Period : APR 16, 2012 TO MAY 04, 2012

TESTING REQUESTED : 1. For compliance with the ASTM F963-11 Standard Consumer Safety Specification on Toy Safety (As per client's request, exclude clause 4.2 flammability)
2. CPSIA section 101(f) - Lead in paint/similar surface coating material
3. CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)
4. CPSIA section 108 - Phthalates

RESULTS : Details please refer to next page.

CONCLUSION : The submitted samples comply with the requested test requirements.

Signed for and on behalf of
SGS-CSTC Ltd.

Wallace Lui
Senior Technical Manager, Asia

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Result Summary:

1.ASTM F963 – 11

AS SPECIFIED IN ASTM F963-11 STANDARD CONSUMER SAFETY SPECIFICATION ON TOYS SAFETY

Clause Relevant to Sample.

Clause	Description	Result
4	<u>Safety Requirements</u>	
4.1	Material Quality (Visual Examination)	Pass
4.2	Flammability Test	N/C
4.3	Toxicology	
4.3.5	Heavy Elements	
	4.3.5.1– Heavy Elements in Paint/Similar Surface Coating Materials	Pass (See Note 1 & 3)
	4.3.5.2 – Heavy Metal in Substrate Materials	Pass (See Note 2 & 3)
4.7	Accessible Edges	Pass
4.8	Projections	Pass
4.8.1	Bath Toy Projections	Pass
4.9	Accessible Points	Pass
4.11	Nails and Fasteners	Pass
4.15	Stability and Over-Load Requirements	Pass
4.18	Holes, Clearance & Accessibility of Mechanisms	Pass
5	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling	Pass
7	<u>Producer’s Markings</u>	
7.1	Producer’s Markings	Pass
8	<u>Test Methods</u>	
8.5	Normal Use Testing	Pass
8.7	Impact Test	Pass
8.8	Torque Test	Pass
8.9	Tension Test	Pass
8.10	Compression Test	Pass

Note 1:

American Society for Testing and Materials -ASTM F 963-11 - total Lead in paint and similar surface-coating materials

Test Method : With reference to CPSC Test Method: CPSC-CH-E1003-09.1, analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	015
Total Lead (Pb)	90	mg/kg	20	ND

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Note 2:

American Society for Testing and Materials -ASTM F 963-11 - total Lead in Substrate Materials

Test Method : With reference to CPSC Test Method: CPSC-CH-E1002-08.1. Analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	003	004
Total Lead (Pb)	100	mg/kg	20	ND	ND

Note 3 :

American Society for Testing and Materials –ASTM F 963-11 – soluble heavy metal in Substrate Materials/paint and similar surface-coating materials

Test Method : Soluble Heavy Metal contents (Clause 4.3.5) - Sample was extracted by dilute hydrochloric acid in accordance with ASTM F 963-11(Clause 8.3), analysis was performed by ICP-OES.

Test Item(s)	Limit	Unit	MDL	003	004	015
Soluble Lead (Pb)	90	mg/kg	5	8	ND	ND
Soluble Antimony (Sb)	60	mg/kg	5	ND	ND	ND
Soluble Arsenic (As)	25	mg/kg	2.5	ND	ND	ND
Soluble Barium (Ba)	1000	mg/kg	10	ND	ND	48
Soluble Cadmium (Cd)	75	mg/kg	5	ND	ND	ND
Soluble Chromium (Cr)	60	mg/kg	5	ND	ND	ND
Soluble Mercury (Hg)	60	mg/kg	5	ND	ND	ND
Soluble Selenium (Se)	500	mg/kg	10	ND	ND	ND

Notes :

- (1) Results shown are of the adjusted analytical results
- (2) Mass of trace amount of sample 015 is 37.2mg

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA12-054449.003	Transparent soft plastic film with adhesive
2	SHA12-054449.004	White plastic (on small round plate)
3	SHA12-054449.015	Orange coating(edge) (Receiving date: Apr.28, 2012)

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

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2.CPSIA section 101(f) - Lead in paint/similar surface coating material

Test Method : CPSC Test Method: CPSC-CH-E1003-09.1` Standard Operation Procedure for Determining Lead (Pb) in Paint and Other Similar Surface Coatings`

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>015</u>
Lead (Pb)	0.009	%	0.002	ND
Comment				PASS

3.CPSIA section 101(a)(2) - Lead in accessible substrate materials (including Children's Metal Jewelry)

Test Method : CPSC Test Method: CPSC-CH-E1001-08.1` Standard Operating Procedure for Determining Total Lead (Pb) in Children's Metal Products (Including Children's Metal Jewelry)`.

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>005</u>	<u>006</u>	<u>007</u>
Lead (Pb)	0.01	%	0.002	ND	ND	ND
Comment				PASS	PASS	PASS

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>008</u>	<u>009</u>	<u>010</u>
Lead (Pb)	0.01	%	0.002	ND	ND	ND
Comment				PASS	PASS	PASS

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>011</u>
Lead (Pb)	0.01	%	0.002	ND
Comment				PASS

Notes :

- (1) Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)

Test Method : CPSC Test Method: CPSC-CH-E1002-08.1` Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product`

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>002</u>	<u>003</u>	<u>004</u>
Lead (Pb)	0.01	%	0.002	ND	ND	ND
Comment				PASS	PASS	PASS

Notes :

- (1) Limit applies to a children's product manufactured after 14 August 2011 (Public Law 112-28 (HR 2715, 112th Congress) amending CPSIA)

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4.CPSIA section 108 – Phthalates

Test Method : With reference to CPSC-CH-C1001-09.3, analysis was performed by GC-MS

<u>Test Item(s)</u>	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>004</u>	<u>012</u>	<u>015</u>
Dibutyl Phthalate (DBP)	0.1	%	0.003	ND	ND	ND
Benzylbutyl Phthalate (BBP)	0.1	%	0.003	ND	ND	ND
Bis-(2-ethylhexyl) Phthalate (DEHP)	0.1	%	0.003	ND	ND	ND
Comment				PASS	PASS	PASS
Diisononyl Phthalate (DINP)	0.1	%	0.01	ND	ND	ND
Di-n-octyl Phthalate (DNOP)	0.1	%	0.003	ND	ND	ND
Diisodecyl Phthalate (DIDP)	0.1	%	0.01	ND	ND	ND
Comment				PASS	PASS	PASS

Test Part Description :

Specimen No.	SGS Sample ID	Description
1	SHA12-054449.002	Wood grain plywood
2	SHA12-054449.003	Transparent soft plastic film with adhesive
3	SHA12-054449.004	White plastic (on small round plate)
4	SHA12-054449.005	Silvery metal srew(on small round plate)
5	SHA12-054449.006	Silvery metal nut
6	SHA12-054449.007	Colorful metal screw
7	SHA12-054449.008	Colorful metal tube
8	SHA12-054449.009	Silvery metal screw
9	SHA12-054449.010	Silvery metal washer
10	SHA12-054449.011	Silvery metal small screw (on big round plate)
11	SHA12-054449.012	Transparent soft plastic film with adhesive with black letter
12	SHA12-054449.015	Orange coating(edge) (Receiving date: Apr.28, 2012)

Remarks :

- (1) 1 mg/kg = 1 ppm = 0.0001%
- (2) MDL = Method Detection Limit
- (3) ND = Not Detected (< MDL)
- (4) "-" = Not Regulated

N.B. : - Only applicable clauses were shown.

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Sample Photo:



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