



## Test Report

No.: SZTY1203004541TS

Date: MAR 16, 2012

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SHENZHEN SHIDE GIFTS CO., LTD  
NO.A25, F8, SHENZHEN INTERNATIONAL  
COMMODITY TRADING BUILDING, BAO'AN  
NORTH RD., LUOHU DISTRICT, SHENZHEN, PRC.

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

Name of Product/Item	:	2D PLAMA-MARBLERUN
General Description And Function	:	SOME BLOCKS WITH MAGNETS INSIDE AND 1 MARBLE.
Materials	:	PLASTIC, METAL, GLASS, MAGNET
Battery	:	NO
Packaging Type	:	WINDOW BOX
Instruction Sheet	:	YES
Style / Item No.	:	6950346504011
Buyer	:	BARHARGROUP GMBH
Importer	:	BARHARGROUP GMBH
Country of Origin	:	CHINA
Country of Destination	:	EUROPE
Labeled Age Grading	:	NOT SUITABLE FOR CHILDREN UNDER 8 YEARS
Requested Age Grading	:	8+
Age Group Assessed As Per Age Guideline	:	OVER 8 YEARS
Age Group Applied in Testing	:	OVER 8 YEARS
Sample Receiving Date	:	MAR 08, 2012
Testing Period	:	MAR 08, 2012 TO MAR 16, 2012

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Member of the SGS Group (SGS SA)

## Test Report

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TEST REQUESTED : For compliance with the test requirement of ASTM F963-11 Standard Consumer Safety Specification on Toy Safety requirement

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

Signed for and on behalf of  
SGS-CSTC Ltd.



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Lin Shuzhen, Dora  
Lab Manager

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ASTM F963 - 11

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

<u>Clause</u>	<u>Description</u>	<u>Result</u>
4.	<u>Safety Requirements</u>	
4.1	Material Quality ** .....	<u>Pass</u>
4.2	Flammability Test.....	<u>Pass</u> <u>(See Result Page)</u>
4.3	Toxicology	
4.3.5	Heavy Elements	
	4.3.5.1– Heavy Elements in Paint/Similar Surface Coating Materials.....	<u>Pass</u> <u>(See Result Page)</u>
	4.3.5.2 – Heavy Metal in Substrate Materials.....	<u>Pass</u> <u>(See Result Page)</u>
4.7	Accessible Edges.....	<u>Pass</u>
4.9	Accessible Points.....	<u>Pass</u>
4.38	Magnets .....	<u>Pass</u>
5.	<u>Safety Labeling Requirements</u>	
5.2	Age Grading Labeling.....	<u>Pass</u>
7.	<u>Producer's Markings</u>	
7.1	Producer's Markings.....	<u>Pass</u>
8.	<u>Test Method</u>	
8.5	Normal Use Testing.....	<u>Pass</u>

\*\*Visual Examination

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**Result Page :**

Flammability Test (Clause 4.2)  
Flammability Test on Solid

<u>Sample</u>	<u>Burning Rate (inch/sec)</u>	<u>Limit (inch/sec)</u>
2D PLAMA-MARBLERUN	DNI	0.1

DNI = Did Not Ignite

**ASTM F963-11, Clause 4.3.5.1 – Heavy Elements in Paint/Similar Surface Coating Materials**

Method: With reference to CPSC-CH-E1003-09.1 - Standard Operating Procedure for Determining Heavy Metal in Paint and Other Similar Surface Coatings

Method: With reference to ASTM F963-11 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

<b>Test Item(s)</b>	<b>Lead (Pb)</b>		
<b>MDL (ppm)</b>	<b>10</b>		
<b>Total Limit (ppm)</b>	<b>90</b>		
<b>Specimen Description</b>	<b>Alias No.</b>	<b>Tracing No.</b>	<b>Result(s) (ppm)</b>
1. Grey coating on metal (Puzzle)	1	1	ND
2. Red coating on metal (Puzzle)	1	2	ND
3. Blue coating on metal (Puzzle)	1	3	ND
4. Yellow coating on metal (Puzzle)	1	4	ND

- Note:
- ppm = parts per million
  - 1% = 10000ppm = 10000mg/kg = 10000µg/g
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

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Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm)				90	60	25	1000	75	60	60	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	4	1	63.5	ND	ND	ND	ND	ND	ND	ND	ND
2	4	2	/	ND	ND	ND	ND	ND	ND	ND	ND
3	4	3	81.8	ND	ND	ND	ND	ND	ND	ND	ND
4	4	4	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Grey coating on metal (Puzzle)
2. Red coating on metal (Puzzle)
3. Blue coating on metal (Puzzle)
4. Yellow coating on metal (Puzzle)

- Note:
- ppm = parts per million
  - 1% = 10000ppm = 10000mg/kg = 10000µg/g
  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)
  - Migration results of eight elements shown are of the adjusted analytical results
  - Result(s) of specimen No.1-No.4 is(are) extracted from report No.SZTY1203004540TS.

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**ASTM F963-11, Clause 4.3.5.2 – Heavy Metal in Substrate Materials**

Method (non-metallic materials): With reference to CPSC-CH-E1002-08.1 - Standard Operation Procedure for Determining Total Lead (Pb) in Non-Metal Children Product

Method: With reference to ASTM F963-11 Clause 8.3

Analysis was performed by Inductively Coupled Plasma Optical Emission Spectrometer (ICP-OES)

Test Item(s)	Lead (Pb)		
MDL (ppm)	10		
Total Limit (ppm)	100		
Specimen Description	Alias No.	Tracing No.	Result(s) (ppm)
1. Black plastics (Holder)	2	1	ND
2. Black foam	2	2	ND
3. Black glass bead	3	1	ND

- Note:
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  - MDL = Method Detection Limit
  - ND = Not Detected (lower than MDL)

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Test Item(s)				Pb	Sb	As	Ba	Cd	Cr	Hg	Se
MDL (ppm)				5	5	2.5	10	5	5	5	10
Migration Limit (ppm) -- Other Than Modeling Clays				90	60	25	1000	75	60	60	500
Migration Limit (ppm) -- Modeling Clays				90	60	25	250	50	25	25	500
Specimen No.	Alias No.	Tracing No.	Mass of trace amount (mg)	Adjusted Migration Result(s) (ppm)							
1	4	5	/	ND	ND	ND	ND	ND	ND	ND	ND
2	4	6	/	ND	ND	ND	ND	ND	ND	ND	ND
3	4	7	/	ND	ND	ND	ND	ND	ND	ND	ND

Specimen Description:

1. Black plastics (Holder)
2. Black foam
3. Black glass bead

- Note:
- ppm = parts per million
  - 1% = 10000ppm = 10000mg/kg = 10000µg/g
  - MDL = Method Detection Limit
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N.B. : - Only applicable clauses were shown.

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