



金銘

Test Report

No.: SZTYR081073920/LP

Date: NOV 07, 2008

Page 1 of 6

DONGGUAN CHANGAN JINMING  
PRINTING PACKING HONG  
SHATOU PRECINCT, CHANGAN TOWN,  
DONGGUAN, CHINA

The results of this report are copied from report No.SZTYR081073918/LP dated on NOV 05, 2008.

The following samples were submitted and identified by/on behalf of the client as: 纱布 MULL CLOTH, 筠头布 HEAD & TAIL BANDS, 皱纹纸 CREP PAPER BROWN, 白色皱纹纸 (WHITE) CREP PAPER BROWN, 脊纸 INELASTIC CREP PAPER, 纸底白洋布 PAPER BACKING WHITE FABRIC, 脊心纸 SPINE HOLLOW BOARD, 白洋布 WHITE FABRIC, 纸底纱布 PAPER BACKING GAUZE

Sample Receiving Date : OCT 30, 2008

Testing Period : OCT 30, 2008 TO NOV 05, 2008

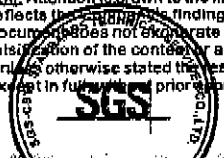
Test Requested	Result
1) In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.	PASS
2) For compliance with the European Standard on Safety of Toys, EN71 Part 3: 1994 (including amendment A1: 2000+ AC:2002) - Migration of Certain Elements.	PASS
3) Determination of the Cadmium Content in the submitted samples in accordance with the EEC Directive 91/338/EEC.	PASS

\*\*\*\*\* For Further Details, Please Refer to the Following Page(s) \*\*\*\*\*

Signed for and on behalf of  
SGS-CSTC Ltd.

Ouyang Qin, Cansy  
Supervisor

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SZL1424805



Test Report

No.: SZTYR081073920/LP

Date: NOV 07, 2008

Page 5 of 6

3) EEC Directive 91/338/EEC

With reference to EN1122: 2001 method B / Other acid digestion. Analysis was performed by Atomic Absorption Spectrometer.

Specimen Description	Cd Result (ppm)	Limit (ppm)
1. White fabric	N.D.	100
2. White netting w/ off-white paper backing	N.D.	100
3. White fabric w/ off-white paper backing	N.D.	100
4. White netting	N.D.	100
5. Dull-white paper	N.D.	100
6. Brown paper	N.D.	100
7. Lt. brown paper	N.D.	100
8. Grey paper	N.D.	100
9. Cream woven band w/ trimming	N.D.	100

- Note :
- ppm = mg/kg
  - N.D. = Not Detected (< 5 ppm)
  - Results shown are of the total weight of dry samples.

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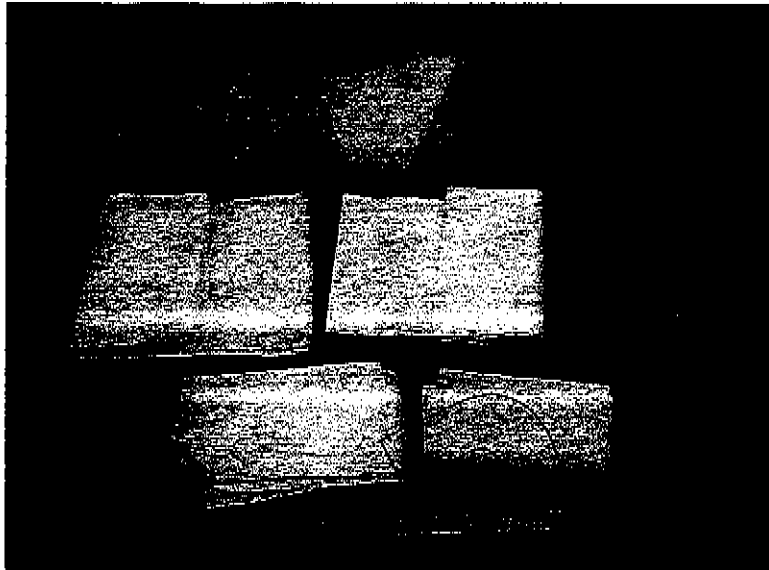
**Test Report**

No.: SZTYR081073920/LP

Date: NOV 07, 2008

Page 6 of 6

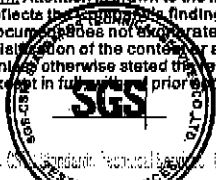
**Sample Photo:**



SGS authenticate the photo on original report only

\*\*\* End of Report \*\*\*

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**Test Report**

No.: SZTYR081073920/LP

Date: NOV 07, 2008

Page 2 of 6

Results: (unit: ppm)

**1) RoHS Directive 2002/95/EC**

With reference to IEC 62321, Ed.1 111/95/CDV

Procedures for the Determination of Levels of Regulated Substances in Electrotechnical Products.

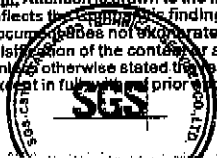
- (1) Determination of Lead by ICP (Section 8/10).
- (2) Determination of Cadmium by ICP (Section 8/10).
- (3) Determination of Mercury by ICP (Section 7).
- (4) Determination of Hexavalent Chromium by Colorimetric Method (Annex C).
- (5) Determination of PBB and PBDE by GC/MS (Annex A).

Test Item(s)	Method (refer to)	1	2	3	4	MDL	RoHS Limit
Lead (Pb)	(1)	16	12	6	7	2	1000
Cadmium(Cd)	(2)	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	(3)	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	N.D.	N.D.	N.D.	N.D.	2	1000
<b>Sum of PBBs</b>	(5)	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	—	1000
Monobromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Dibromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Tribromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Tetrabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Pentabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Hexabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Heptabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Octabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Nonabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
Decabromobiphenyl		N.D.	N.D.	N.D.	N.D.	5	
<b>Sum of PBDEs</b>		<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	—	1000
Monobromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Dibromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Tribromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Tetrabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Pentabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Hexabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Heptabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Octabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Nonabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	5	
Decabromodiphenyl ether ##		N.D.	N.D.	N.D.	N.D.	5	

**Test Part Description:**

- 1. White fabric
- 2. White netting w/ off-white paper backing
- 3. White fabric w/ off-white paper backing
- 4. White netting

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**Test Report**

No.: SZTYR081073920/LP

Date: NOV 07, 2008

Page 3 of 6

Test Item(s)	Method (refer to)	5	6	7	8	9	MDL	RoHS Limit
Lead (Pb)	(1)	9	8	10	12	7	2	1000
Cadmium(Cd)	(2)	N.D.	N.D.	N.D.	N.D.	N.D.	2	100
Mercury (Hg)	(3)	N.D.	N.D.	N.D.	N.D.	N.D.	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	N.D.	N.D.	N.D.	N.D.	N.D.	2	1000
<b>Sum of PBBs</b>	(5)	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>—</b>	<b>1000</b>
Monobromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Dibromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Tribromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Tetrabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Pentabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Hexabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Heptabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Octabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Nonabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Decabromobiphenyl		N.D.	N.D.	N.D.	N.D.	N.D.	5	
<b>Sum of PBDEs</b>		<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>N.D.</b>	<b>—</b>	<b>1000</b>
Monobromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Dibromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Tribromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Tetrabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Pentabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Hexabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Heptabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Octabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Nonabromodiphenyl ether		N.D.	N.D.	N.D.	N.D.	N.D.	5	
Decabromodiphenyl ether ##		N.D.	N.D.	N.D.	N.D.	N.D.	5	

**Test Part Description:**

- 5. Dull-white paper
- 6. Brown paper
- 7. Lt. brown paper
- 8. Grey paper
- 9. Cream woven band w/ trimming

**Note :**

- (1) mg/kg = ppm
- (2) MDL = Method Detection Limit
- (3) N.D. = Not Detected (lower than MDL)
- (4) ## = The exemption of DecaBDE in polymeric application according 2005/717/EC was overruled by the European Court of Justice by its decision of 01.04.2008. Subsequently DecaBDE will be included in the sum of PBDE after 01.07.2008
- (5) The maximum permissible limit is quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC.

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Test Report

No.: SZTYR081073920/LP

Date: NOV 07, 2008

Page 4 of 6

2) EN71 Part 3: 1994

As specified in EN71 part 3: 1994 (including amendment A1: 2000+ AC:2002).

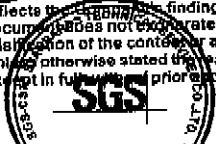
Analysis was performed by Inductively Coupled Plasma Atomic Emission Spectrometer.

Element	Pb	Sb	As	Ba	Cd	Cr	Hg	Se	Mass of trace amount (mg)
Soluble Limit (mg/kg)	90	60	25	1000	75	60	60	500	
Specimen Description	Adjusted Soluble Result (mg/kg)								
1. White fabric	<5	<5	<5	<10	<5	<5	<6.7	<10	/
2. White netting w/ off-white paper backing	<5	<5	<5	<10	<5	<5	<6.7	<10	/
3. White fabric w/ off-white paper backing	<5	<5	<5	<10	<5	<5	<6.7	<10	/
4. White netting	<5	<5	<5	<10	<5	<5	<6.7	<10	/
5. Dull-white paper	<5	<5	<5	<10	<5	<5	<6.7	<10	/
6. Brown paper	<5	<5	<5	<10	<5	<5	<6.7	<10	/
7. Lt. brown paper	<5	<5	<5	<10	<5	<5	<6.7	<10	/
8. Grey paper	<5	<5	<5	<10	<5	<5	<6.7	<10	/
9. Cream woven band w/ trimming	<5	<5	<5	<10	<5	<5	<6.7	<10	/

- Note :
- < = Less than
  - Results shown are of the adjusted analytical results.
  - Results shown are of the total weight of dry samples.

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