



## Test Report

No.: GZ0604059213/CHEM

Date: MAY 10, 2006

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SUN SAME ENTERPRISES CO., LTD  
553, CHUNG CHENG S, ROAD, TAINAN, 710, TAIWANA

Report on the submitted sample said to be S-61 (STAMP PAD INK-BLACK); S-62 (STAMP PAD INK-RED); S-63 (STAMP PAD INK-BLUE); S-64 (STAMP PAD INK-VIOLET); S-65 (STAMP PAD INK-GREEN)

Item No. : GLHGR060400897CM

Sample Receiving Date : APR 24, 2006

Testing Period : APR 24, 2006 TO MAY 10, 2006


Test Requested : (1) As specified by client, to determine the Lead, Cadmium, Mercury & Hexavalent Chromium content in the submitted sample.  
(2) Determination of PBBs (Polybrominated Biphenyls), PBDEs (Polybrominated Diphenylethers) of the submitted sample.  
(3) As specified by client, for compliance with the European Standard on Safety of Toys, EN71 Part 3: 1994 (including amendment A1:2000) - Migration of Certain Elements.

Test Method : (1) Lead content - With reference to EPA method 3050B: 1996 / other acid digestion.  
Cadmium content - With reference to BS EN1122: 2001 method B / other acid digestion.  
Mercury content - With reference to EPA 3052: 1996 / 7473: 1998 / other acid digestion.  
Hexavalent Chromium content - With reference to EPA 3060A : 1996 & EPA 7196A : 1992.  
Analysis was performed by Atomic Absorption Spectrometer / Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES) / Direct Mercury analyzer / UV-VIS Spectrophotometer.  
(2) With reference to EPA 3540C / 3550C. Analysis was performed by GC/MS.  
(3) As specified in the EN71 part 3 : 1994 (including amendment A1:2000).  
Analysis was performed by Atomic Absorption Spectrometer / Inductively Coupled Plasma Atomic Emission Spectrometer (ICP-AES).

Results : Please refer to next page.

Conclusion : (1) & (2) When tested as specified, the results shown on the report do not exceed the limit in commission decision of 18 Aug 2005 amending Directive 2002/95/EC (RoHS) notified under document 2005/618/EC.  
(3) When tested as specified, the submitted sample complies with / do not comply with the stated requirement of the European Standard EN71 Part 3 : 1994 (including amendment A1:2000).

Signed for and on behalf of  
SGS-CSTC Ltd.

  
Zhang Li, Amy  
Sr. Engineer

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Results :

(1)

Item	Unit	MDL	No.1	No.2	No.3	No.4	No.5	Limit
Lead Content (Pb)	ppm	2	4	4	4	N.D.	4	< 1000ppm
Cadmium Content (Cd)	ppm	2	N.D.	N.D.	N.D.	N.D.	N.D.	< 100ppm
Mercury Content (Hg)	ppm	2	N.D.	N.D.	N.D.	N.D.	N.D.	< 1000ppm
Hexavalent Chromium (Cr VI)	ppm	2	N.D.	N.D.	N.D.	N.D.	N.D.	< 1000ppm

Note : - N.D. = Not Detected (< MDL)  
 - MDL= Method Detection Limit  
 - ppm = mg/kg

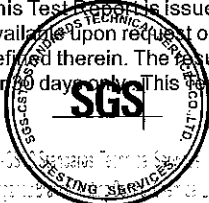
(2)

	No.1	No.2	No.3	No.4	No.5	Limit
<b>Flame Retardants</b>						
<b>Polybrominated Biphenyls (PBBs)</b>						<b>&lt; 1000ppm</b>
Monobromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromobiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl	N.D.	N.D.	N.D.	N.D.	N.D.	
<b>Polybrominated Diphenylethers (PBDEs)(Mon-Non)</b>						<b>&lt; 1000ppm</b>
Monobromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Dibromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Tribromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Tetrabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Pentabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Hexabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Heptabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Octabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Nonabromodiphenyl ether	N.D.	N.D.	N.D.	N.D.	N.D.	
Decabromodiphenyl ether <sup>Δ</sup>	N.D.	N.D.	N.D.	N.D.	N.D.	See remark

Note : - N.D. = Not Detected (< 5 ppm)  
 - ppm = mg/kg

Remark : <sup>Δ</sup> : Decabromodiphenyl ether (DecaBDE) in polymeric applications is exempted by Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC notified under 2005/717/EC.

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### (3) Soluble Elements Content:

Element	No.1	No.2	No.3	No.4	No.5	Limit
Soluble Lead (Pb)	< 5	< 5	< 5	< 5	< 5	90 mg/kg
Soluble Antimony (Sb)	< 2	< 2	< 2	< 2	< 2	60 mg/kg
Soluble Arsenic (As)	< 2	< 2	< 2	< 2	< 2	25 mg/kg
Soluble Barium (Ba)	272	171	156	133	158	1000 mg/kg
Soluble Cadmium (Cd)	< 5	< 5	< 5	< 5	< 5	75 mg/kg
Soluble Chromium (Cr)	< 5	< 5	< 5	< 5	< 5	60 mg/kg
Soluble Mercury (Hg)	< 2	< 2	< 2	< 2	< 2	60 mg/kg
Soluble Selenium (Se)	< 5	< 5	< 5	< 5	< 5	500 mg/kg

Note : - < = Less Than  
 - ppm = mg/kg

### Sample Description:

- No.1 Black ink
- No.2 Red ink
- No.3 Blue ink
- No.4 Purple ink
- No.5 Green ink

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

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