



Test Report

No. SH0100973-CHEM

Date: Jul. 15, 2008

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HANGZHOU TOKA INK CHEMICAL CO., LTD
NO.2, THE 5TH AVENUE (SOUTH), BAIYANG JIE DAO, HANGZHOU ECONOMIC & TECHNOLOGICAL
DEVELOPMENT AREA, HANGZHOU 310018, CHINA

The following sample(s) was/were submitted and identified by/on behalf of the client as:

Sample Name : OFFSET INK (MAGENTA, YELLOW, BLUE, BLACK) MIXTURE
SGS Ref No. : 11160674

Sample Receiving Date : Jul. 11, 2008
Testing Period : Jul. 11 -15, 2008

Test Requested : In accordance with the RoHS Directive 2002/95/EC, and its amendment directives.

Test Method : With reference to IEC 62321/2nd CDV (11/195/CDV)
Procedures for the Determination of Levels of Regulated Substances in
Electrotechnical Products
(1) Determination of Cadmium by ICP.
(2) Determination of Lead by ICP.
(3) Determination of Mercury by ICP.
(4) Determination of Hexavalent Chromium by Colorimetric Method.
(5) Determination of PBBs and PBDEs by GC/MS.

Test Results : Please refer to next pages

Conclusion : Based on the performed tests on submitted samples, the results comply with the
RoHS Directive 2002/95/EC and its subsequent amendments.

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Ella Zhang
Section Manager

Signed for and on behalf of
SGS-CSTC Chemical Laboratory

Sandy Hao
Lab Manager

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Test results by chemical method (Unit: mg/kg):

Test Item(s)	Method (reference)	1	MDL	RoHS Limit
Cadmium (Cd)	(1)	ND	2	100
Lead (Pb)	(2)	ND	2	1000
Mercury (Hg)	(3)	ND	2	1000
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	ND	2	1000
Sum of PBBs:		ND	-	1000
Monobromobiphenyl		ND	5	-
Dibromobiphenyl		ND	5	-
Tribromobiphenyl		ND	5	-
Tetrabromobiphenyl		ND	5	-
Pentabromobiphenyl		ND	5	-
Hexabromobiphenyl		ND	5	-
Heptabromobiphenyl		ND	5	-
Octabromobiphenyl		ND	5	-
Nonabromobiphenyl		ND	5	-
Decabromobiphenyl	(5)	ND	5	-
Sum of PBDEs		ND	-	1000
Monobromodiphenyl ether		ND	5	-
Dibromodiphenyl ether		ND	5	-
Tribromodiphenyl ether		ND	5	-
Tetrabromodiphenyl ether		ND	5	-
Pentabromodiphenyl ether		ND	5	-
Hexabromodiphenyl ether		ND	5	-
Heptabromodiphenyl ether		ND	5	-
Octabromodiphenyl ether		ND	5	-
Nonabromodiphenyl ether		ND	5	-
Decabromodiphenyl ether		ND	5	-

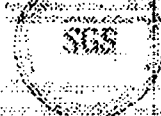
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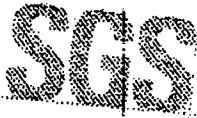
1. Black Ink

Note:

- (1) mg/kg = ppm
- (2) ND = Not Detected
- (3) MDL = Method Detection Limit
- (4) The exemption of DecaBDE in polymer 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) "-" = Not Regulated
- (6) The maximum permissible limits quoted from the document 2005/618/EC amending RoHS directive 2002/95/EC

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Test Report

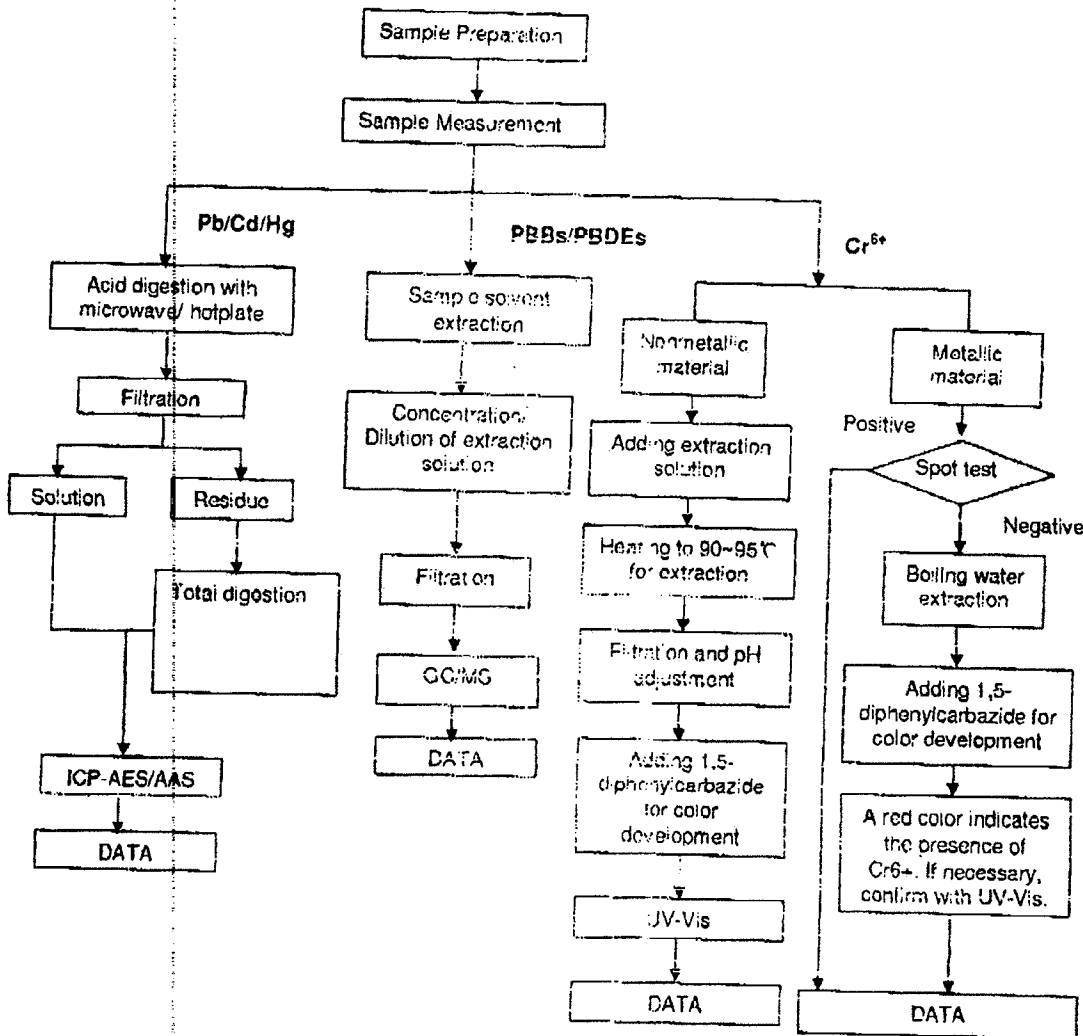
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ATTACHMENTS

- 1) Name of the person who made measurement: Cathy Cai/George XU/Diane Wang
- 2) Name of the person in charge of measurement: Terry Wang/Tracy Yue
- 3) These samples were dissolved totally by pre-conditioning method according to below flow chart. (Cr6+ and PBBs/PBDEs test method excluded)



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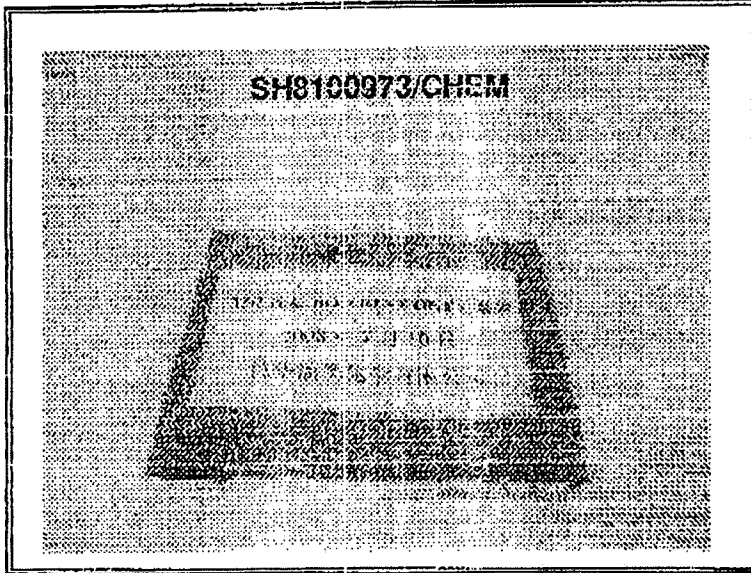
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Sample photo:



SGS authenticate the photo on original report only

*** End of Report ***

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Members of the SGS Group (SII) SCS



测试报告

No. NBC080400033

Date: Apr. 16, 2009

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宁波高新区绿和科技有限公司
宁波市高新区江南路 1558 号浙大科创大楼 1206 室

委托检验的样品及客户对样品的说明如下:

样品名称 : 纸塑粘合胶
样品编号 : NBC080400032
生产商 : 宁波高新区绿和科技有限公司

样品收到日期 : 2009-04-10
样品试验日期 : 2009-04-10—2009-04-16

试验要求 : 参照 RoHS 指令 2002/95/EC 及后续修正指令.

试验方法 : (1) 参照 IEC 62321/2nd CDV (111/95/CDV), 用 ICP 测定镉的含量
(2) 参照 IEC 62321/2nd CDV (111/95/CDV), 用 ICP 和 AAS 测定铅的含量
(3) 参照 IEC 62321/2nd CDV (111/95/CDV), 用 ICP 测定汞的含量
(4) 参照 IEC 62321/2nd CDV (111/95/CDV), 采用比色法测定六价铬的含量
(5) 参照 IEC 62321/2nd CDV (111/95/CDV), 采用 GC-MS 测定 PBBs(多溴联苯)和 PBDEs(多溴联苯醚) 的含量

试验结果 : 见后续页

通标标准技术服务有限公司
授权签名



蒋俊 实验室主管

化学方法的试验结果 (单位: mg/kg)

测试项目:	方法 (参见)	1	MDL	RoHS 限值
镉(Cd)	(1)	ND	2	100
铅(Pb)	(2)	ND	2	1000
汞(Hg)	(3)	ND	2	1000
六价铬(Cr VI)	(4)	ND	2	1000
多溴联苯之和(PBBs)		ND	15	-
一溴联苯		ND	5	-
二溴联苯		ND	5	-
三溴联苯		ND	5	-
四溴联苯		ND	5	-
五溴联苯		ND	5	-
六溴联苯		ND	5	-
七溴联苯		ND	5	-
八溴联苯		ND	5	-
九溴联苯		ND	5	-
十溴联苯		ND	5	-
多溴联苯醚之和(PBDEs)(参见备注 4)	(5)	ND	-	1000
一溴联苯醚		ND	5	-
二溴联苯醚		ND	5	-
三溴联苯醚		ND	5	-
四溴联苯醚		ND	5	-
五溴联苯醚		ND	5	-
六溴联苯醚		ND	5	-
七溴联苯醚		ND	5	-
八溴联苯醚		ND	5	-
九溴联苯醚		ND	5	-
十溴联苯醚		ND	-	-
多溴联苯醚(PBDEs)之和 (一溴到十溴)		ND	-	-

(所示结果为液体样品总重量中的含量)

测试部件外观描述:

1. 白色液体



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测试报告

No. NBC080400033

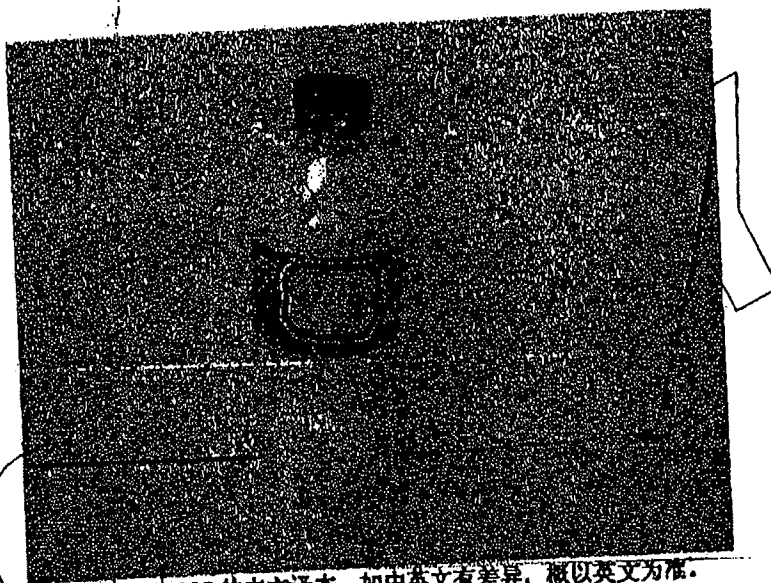
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备注:

- (1) 毫克每千克=百万分之一(mg/kg=ppm)
- (2) ND = 未检出
- (3) MDL = 检测极限值
- (4) 一溴联苯醚到九溴联苯醚之和,按照 2005/717/EC 十溴联苯醚豁免。
- (5) "—" = 未规定
- (6) 最大允许极限值引用自 2002/95/EC RoHS 指令和后续修正指令 2005/618/EC。

样品照片:



此报告为英文报告 NBC080400032 的中文译本, 如中英文有差异, 概以英文为准。

报告结束