

Test Report No. SHAEC2125897201 Date: 06 Dec 2021 Page 1 of 9

ZHONGSHAN FUREY PRINTING MATERIAL CO.,LTD.
NO.28,PINGYI ROAD, SHAZI VILLAGE,MINZHONG TOWN, ZHONGSHAN,GD,CHINA

The following sample(s) was/were submitted and identified on behalf of the clients as: OFFSET INKS

SGS Job No. : SP21-036931 - SH
SGS Ref No. : CP21-062309GZ
Client Ref. Information : see the attachment

Date of Sample Received: 26 Nov 2021

Testing Period : 26 Nov 2021 - 06 Dec 2021

Test Requested: Selected test(s) as requested by client.

Test Method : Please refer to next page(s).

Test Results : Please refer to next page(s).

Conclusion: Based on the performed tests on submitted sample(s), the results of Cadmium,

Lead, Mercury, Hexavalent chromium, Polybrominated biphenyls (PBBs),

Polybrominated diphenyl ethers (PBDEs) and Phthalates such as

Bis(2-ethylhexyl) phthalate (DEHP), Butyl benzyl phthalate (BBP), Dibutyl phthalate (DBP) and Diisobutyl phthalate (DIBP) comply with the limits as set by RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.

Signed for and on behalf of SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

3 | A M

Helen Liu

Approved Signatory

This report is the English version of SHAEC2125897202 .



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Test Results:

Test Part Description:

Specimen No.	SGS Sample ID	Description
SN1	SHA21-258972.001	Black liquid

Remarks:

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

RoHS Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU

Test Method: With reference to IEC 62321-4:2013+AMD1:2017, IEC62321-5:2013, IEC62321-7-2:2017, IEC 62321-6:2015 and IEC62321-8:2017, analyzed by ICP-OES, UV-Vis and GC-MS.

Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>
Cadmium (Cd)	100	mg/kg	2	ND
Lead (Pb)	1000	mg/kg	2	ND
Mercury (Hg)	1000	mg/kg	2	ND
Hexavalent Chromium (Cr(VI))	1000	mg/kg	8	ND
Sum of PBBs	1000	mg/kg	-	ND
Monobromobiphenyl	-	mg/kg	5	ND
Dibromobiphenyl	-	mg/kg	5	ND
Tribromobiphenyl	-	mg/kg	5	ND
Tetrabromobiphenyl	-	mg/kg	5	ND
Pentabromobiphenyl	-	mg/kg	5	ND
Hexabromobiphenyl	-	mg/kg	5	ND
Heptabromobiphenyl	-	mg/kg	5	ND
Octabromobiphenyl	-	mg/kg	5	ND
Nonabromobiphenyl	-	mg/kg	5	ND
Decabromobiphenyl	-	mg/kg	5	ND
Sum of PBDEs	1000	mg/kg	-	ND
Monobromodiphenyl ether	-	mg/kg	5	ND
Dibromodiphenyl ether	-	mg/kg	5	ND
Tribromodiphenyl ether	-	mg/kg	5	ND
Tetrabromodiphenyl ether	-	mg/kg	5	ND



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Test Item(s)	<u>Limit</u>	<u>Unit</u>	<u>MDL</u>	<u>001</u>	
Pentabromodiphenyl ether	-	mg/kg	5	ND	
Hexabromodiphenyl ether	-	mg/kg	5	ND	
Heptabromodiphenyl ether	-	mg/kg	5	ND	
Octabromodiphenyl ether	-	mg/kg	5	ND	
Nonabromodiphenyl ether	-	mg/kg	5	ND	
Decabromodiphenyl ether	-	mg/kg	5	ND	
Di-butyl Phthalate (DBP)	1000	mg/kg	50	ND	
Benzyl Butyl Phthalate (BBP)	1000	mg/kg	50	ND	
Di-2-Ethyl Hexyl Phthalate (DEHP)	1000	mg/kg	50	ND	
Diisobutyl Phthalates (DIBP)	1000	mg/kg	50	ND	

Notes:

- (1) The maximum permissible limit is quoted from RoHS Directive (EU) 2015/863. IEC 62321 series is equivalent to EN 62321 series https://www.cenelec.eu/dyn/www/f?p=104:30:1742232870351101::::FSP_ORG_ID,FSP_LANG_ID: 1258637
- (2) The restriction of DEHP, BBP, DBP and DIBP shall apply to medical devices, including in vitro medical devices, and monitoring and control instruments, including industrial monitoring and control instruments, from 22 July 2021.









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USED FOR: TODOT SOYBASED OFFSET INK, DRUCKMEISTER PLUS QUATTRO 9908, TODOT POP OFFSET INK, TODOT ECO OFFSET INK, DRUCKMEISTER OFFSET INK CODEX, TOPDOT OFFSET INK TD-900, DRUCKMEISTER PLUS OFFSET INK COLORPRO 9901, TOPDOT OFFSET INK TD-600, DRUCKMEISTER PLUS OFFSET INK ECOSTAR 8801, TOPDOT OFFSET INK TD-300, DRUCKMEISTER OFFSET INK QUICKSET 1100, TOPDOT OFFSET INK TD-200, DRUCKMEISTER OFFSET INK APPLEINK 0055, TOPDOT OFFSET INK 0055, DRUCKMEISTER OFFSET INK 9900ON, TOPDOT JOB BLACK, DRUCKMEISTER OFFSET INK 9900QD, TOPDOT QUATTRO 9908, DRUCKMEISTER OFFSET INK 8800ON, KAKA SOYBASED OFFSET INK, DRUCKMEISTER PLUS OFFSET INK COLORPRO 9901L, DRUCKMEISTER PLUS OFFSET INK ECOSTAR 8801L, KAKA ECO OFFSET INK, DRUCKMEISTER OFFSET INK QUICKSET 1100L, KAKA OFFSET INK KNSG, DRUCKMEISTER OFFSET INK QUICKSET 1100LS, KAKA OFFSET INK KNS. DRUCKMEISTER OFFSET INK QUICKSET T1100. KAKA OFFSET INK KGS. DRUCKMEISTER OFFSET INK QUICKSET 1100, KAKA OFFSET INK KTS, DRUCKMEISTER JOB BLACK, KAKA OFFSET INK KOS FUREY OFFSET INK NATURE, KAKA JOB BLACK, SONTIA SOYBASED INK, CVC SOYBASED OFFSET INK, SONTIA OFFSET INK ECO, CVC ECO OFFSET INK, SONTIA OFFSET INK ST-9GS, CVC OFFSET INK CV-6000, SONTIA OFFSET INK ST-8GS, CVC OFFSET INK CV-5000, SONTIA OFFSET INK ST-6GS, CVC OFFSET INK CV-3000, SONTIA OFFSET INK ST-5GS, CVC OFFSET INK CV-2000, SONTIA JOB BLACK, CVC OFFSET INK CV-1000, SONTIA OFFSET INK ST-7GS, CVC JOB BLACK, SONTIA OFFSET INK ART, BXN SOYBASED OFFSET INK, MAOJIAN OFFSET INK MT-0022, MAOJIAN OFFSET INK MT-0033, BXN ECO OFFSET INK, MAOJIAN OFFSET INK MT-0055, BXN OFFSET INK BX-0011, MAOJIAN OFFSET INK MT-0022L BXN OFFSET INK BX-0022, MAOJIAN OFFSET INK MT-0033L, BXN OFFSET INK BX-0033, MAOJIAN OFFSET INK MT-0022W, BXN OFFSET INK BX-2000, MAOJIAN OFFSET INK MT-0033W, BXN OFFSET INK BX-0055, MAOJIAN OFFSET INK MT-0055W, BXN OFFSET INK BX-0033 PLUS, MAOJIAN JOB BLACK, BXN OFFSET INK BX-0033, YINGZHI JOB BLACK, BXN JOB BLACK, SUPOWR JOB BLACK, BXN OFFSET INK BX-0022W, WEIYUN JOB BLACK, BXN OFFSET INK BX-0033W, PRESSPRO JOB BLACK, BXN OFFSET INK BX-0055W, LOCOER SOYBASED INK, YINGZHI OFFSET INK FR-3, SUPOWR OFFSET INK FR-3, LOCOER OFFSET INK ECO, WEIYUN OFFSET INK F-3000, LOCOER OFFSET INK LC-0011, PRESSPRO OFFSET INK F-3000, LOCOER OFFSET INK LC-0022, YINGZHI OFFSET INK FR-2, LOCOER OFFSET INK LC-0033 PLUS, SUPOWR OFFSET INK FR-2. LOCOER OFFSET INK LC-0033. WEIYUN OFFSET INK F-2000. LOCOER OFFSET INK LC-0055, PRESSPRO OFFSET INK F-2000, LOCOER JOB BLACK, YINGZHI OFFSET INK FR-1, SONTIA OFFSET INK ART, SUPOWR OFFSET INK FR-1, LOCOER OFFSET INK UNI-300, WEIYUN OFFSET INK F-1000, PRESSPRO OFFSET INK F-1000, TOPDOT OFFSET INK TD-900 PLUS, TOPDOT OFFSET INK TD-600 PLUS, TOPDOT OFFSET INK TD-300 PLUS, TOPDOT OFFSET INK TD-200 PLUS, TOPDOT OFFSET INK 0055 PLUS, TOPDOT OFFSET INK TD-900 L , TOPDOT OFFSET INK TD-600L, TOPDOT OFFSET INK TD-300L, TOPDOT OFFSET INK TD-200, SONTIA OFFSET INK TD-200, LOCOER OFFSET INK LC-0011 PLUS LOCOER OFFSET INK LC-0022 PLUS, LOCOER OFFSET INK LC-0055 PLUS, LOCOER OFFSET INK LC-0011L, LOCOER OFFSET INK LC-0022L, LOCOER OFFSET INK LC-0033L, POP YELLOW, POP MAGENTA, POP CYAN, POP BLACK, POP WHITE, MATTE VARNISH, GLOSS VARNISH, 05-03 WARM RED, 05-04 BRIGHT RED, 05-06 BRIGHT RED, 05-29 ORANGE, 05-39 REFLEX BLUE, 05-60 GREEN, 05-40 WHITE, 05-17 PINK, 05-18 RHODAMINE RED, 05-36 ROYAL BLUE, 05-37 DARK BLUE, 10-53 BLACK, 05-90 GLOSS PASTE, 05-92 TACK REDUCER, 05-94 WEAR-RESISTANT VARNISH, 05-93 TINT MEDIUM, BAMBOO PINK, PRINTED-IRON WHITE, 888BLACK, 072 REFLEX BLUE, ULTRA WHITE, FLUORESCENT INK P801-809, PALE GOLD, PALE RICH GOLD, RICH GOLD, SILVER, 9222 PALE GOLD, 9223 PALE RICH GOLD, 9224 RICH GOLD, 9310 SILVER, 9888 PALE GOLD, 9890 PALE RICH GOLD, 9898 RICH GOLD, PANTONE PT285C PANTONE PT185C, PT801C, PT802C, PT803C, PT804C, PT805C, PT806C, PT807C











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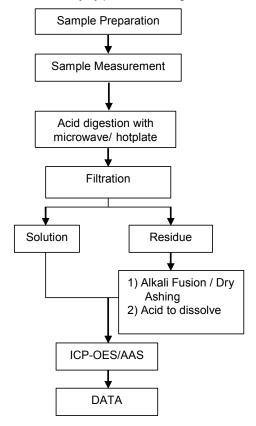
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Elements (IEC62321) Testing Flow Chart

1) These samples were dissolved totally by pre-conditioning method according to below flow chart.













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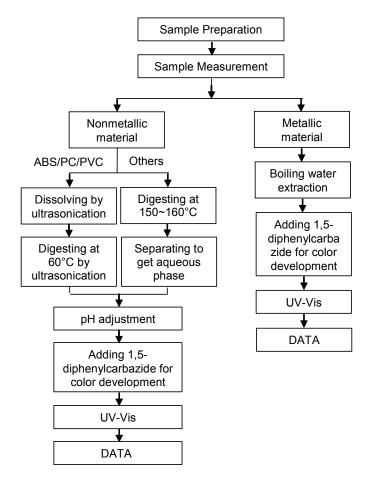




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Hexavalent Chromium (Cr(VI)) Testing Flow Chart











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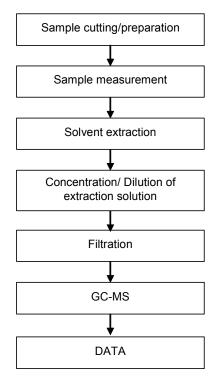
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PBBs/PBDEs Testing Flow Chart











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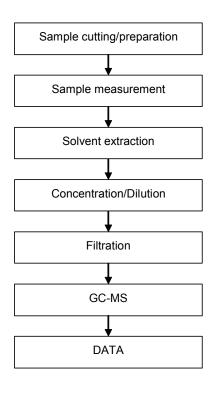
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Phthalates Testing Flow Chart





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Sample photo:



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