

Test Report

Report No. A2170069126101003

Applicant SHENZHEN ZHENGXING ADHESIVE-PRODUCT CO., LTD.

Address NO.20,EAST AREA,MAQIAO,NANYUE VILLAGE,LONGGANG DISTRICT,SHENZHEN,
CHINA**The following sample(s) and sample information was/were submitted and identified by/on the behalf of the client**

Sample Name WATER-BORNE PRESSURE SENSITIVE ADHESIVE

Sample Received Date Dec. 20, 2017

Testing Period Dec. 20, 2017 to Dec. 23, 2017

Test Requested As specified by client, to test Lead(Pb), Cadmium(Cd), Mercury(Hg), Hexavalent Chromium(Cr(VI)), Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs), Phthalates (DBP, BBP, DEHP, DIBP) in the submitted sample(s).

Test Method Please refer to the following page(s).

Test Result(s) Please refer to the following page(s).

Tested by

Kid Zhang

Approved by

Hill Zheng

Hill Zheng

Technical Manager

Reviewed by

Amber Feng

Date

Dec. 23, 2017

No. R179751898



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Test Method

| Test Item(s) | Test Method | Measured Equipment(s) |
|--|--|-----------------------|
| Lead(Pb) | IEC 62321-5:2013 Ed.1.0 | ICP-OES |
| Cadmium(Cd) | IEC 62321-5:2013 Ed.1.0 | ICP-OES |
| Mercury(Hg) | IEC 62321-4:2013 Ed.1.0 | ICP-OES |
| Hexavalent Chromium(Cr(VI)) | IEC 62321-7-2:2017 and/or determination of Total Chromium by IEC 62321-5:2013 Ed.1.0 | UV-Vis/ICP-OES |
| Polybrominated Biphenyls(PBBs) | IEC 62321-6:2015 Ed 1.0 | GC-MS |
| Polybrominated Diphenyl Ethers (PBDEs) | IEC 62321-6:2015 Ed 1.0 | GC-MS |
| Phthalates (DBP, BBP, DEHP, DIBP) | IEC 62321-8:2017 | GC-MS |

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Test Result(s)

| Tested Item(s) | Result | MDL |
|---|--------|---------|
| Lead(Pb) | N.D. | 2 mg/kg |
| Cadmium(Cd) | N.D. | 2 mg/kg |
| Mercury(Hg) | N.D. | 2 mg/kg |
| Hexavalent Chromium(Cr(VI)) | N.D. | 8 mg/kg |
| Tested Item(s) | Result | MDL |
| Polybrominated Biphenyls(PBBs) | | |
| Monobromobiphenyl | N.D. | 5 mg/kg |
| Dibromobiphenyl | N.D. | 5 mg/kg |
| Tribromobiphenyl | N.D. | 5 mg/kg |
| Tetrabromobiphenyl | N.D. | 5 mg/kg |
| Pentabromobiphenyl | N.D. | 5 mg/kg |
| Hexabromobiphenyl | N.D. | 5 mg/kg |
| Heptabromobiphenyl | N.D. | 5 mg/kg |
| Octabromobiphenyl | N.D. | 5 mg/kg |
| Nonabromobiphenyl | N.D. | 5 mg/kg |
| Decabromobiphenyl | N.D. | 5 mg/kg |
| Tested Item(s) | Result | MDL |
| Polybrominated Diphenyl Ethers (PBDEs) | | |
| Monobromodiphenyl ether | N.D. | 5 mg/kg |
| Dibromodiphenyl ether | N.D. | 5 mg/kg |
| Tribromodiphenyl ether | N.D. | 5 mg/kg |
| Tetrabromodiphenyl ether | N.D. | 5 mg/kg |
| Pentabromodiphenyl ether | N.D. | 5 mg/kg |
| Hexabromodiphenyl ether | N.D. | 5 mg/kg |
| Heptabromodiphenyl ether | N.D. | 5 mg/kg |
| Octabromodiphenyl ether | N.D. | 5 mg/kg |
| Nonabromodiphenyl ether | N.D. | 5 mg/kg |
| Decabromodiphenyl ether | N.D. | 5 mg/kg |

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Test Result(s)

| Tested Item(s) | Result | MDL |
|--|--------|----------|
| Phthalates (DBP, BBP, DEHP, DIBP) | | |
| Dibutyl phthalate(DBP) CAS#:84-74-2 | N.D. | 50 mg/kg |
| Butyl benzyl phthalate(BBP) CAS#:85-68-7 | N.D. | 50 mg/kg |
| Di-(2-ethylhexyl) phthalate(DEHP) CAS#:117-81-7 | N.D. | 50 mg/kg |
| Diisobutyl phthalate(DIBP) CAS#:84-69-5 | N.D. | 50 mg/kg |

Tested Sample/Part Description White liquid

Remark: The sample(s) had been dissolved totally tested for Lead, Cadmium, Mercury.

-MDL = Method Detection Limit

-N.D. = Not Detected (<MDL)

-mg/kg = ppm = parts per million

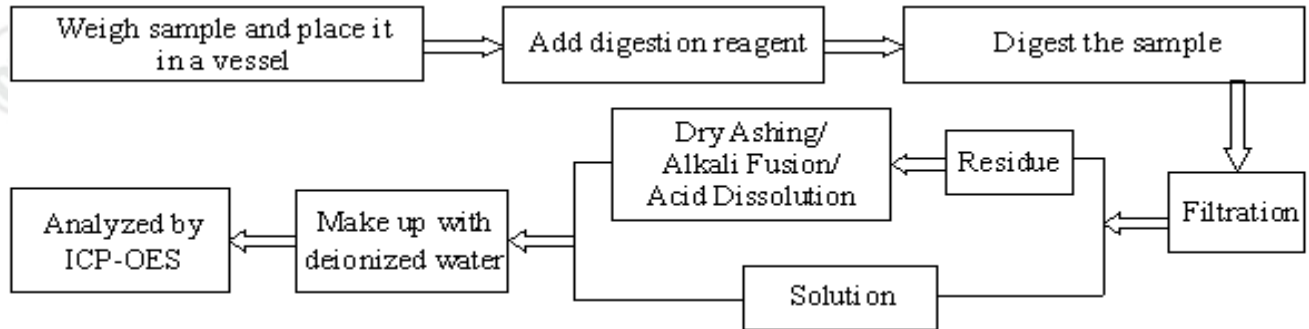
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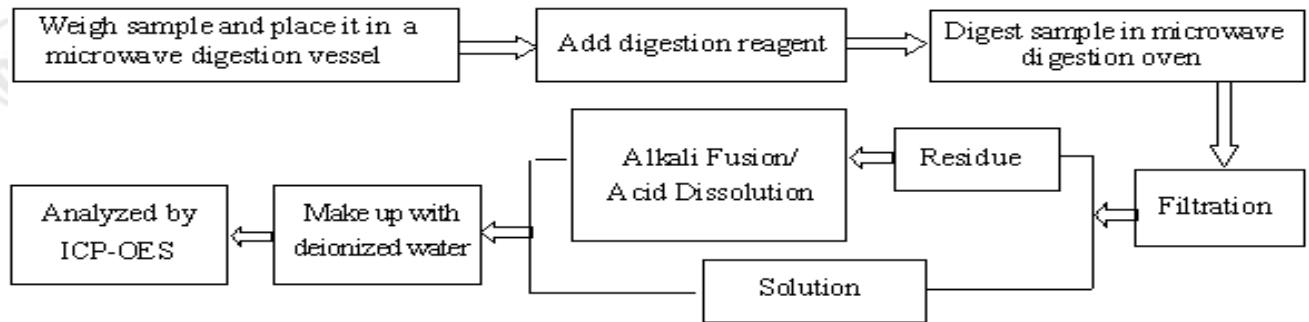
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Test Process

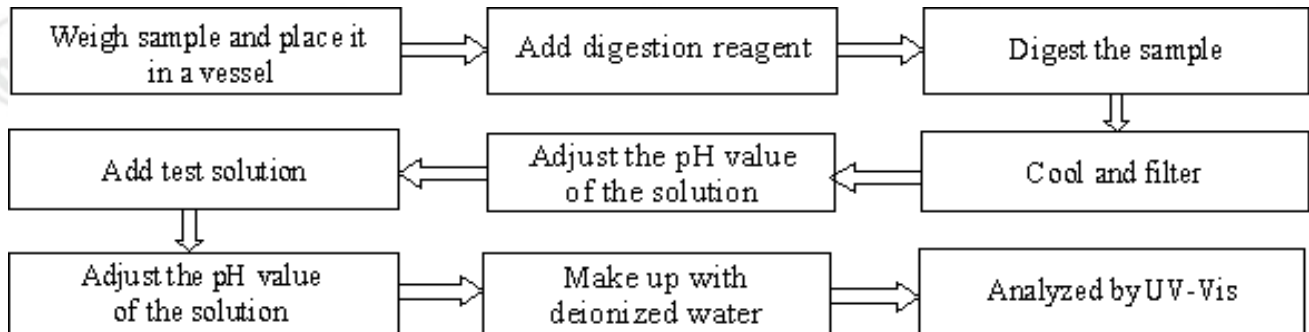
1. Lead(Pb), Cadmium(Cd), Chromium(Cr)



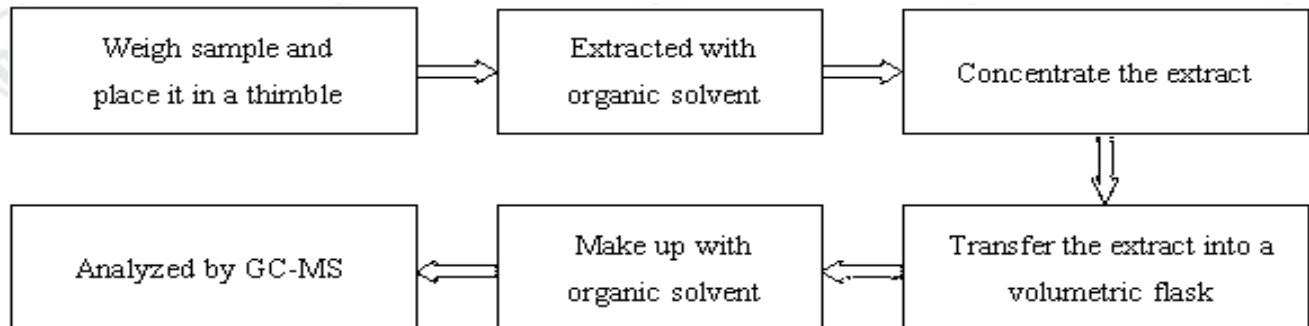
2. Mercury(Hg)



3. Hexavalent Chromium(Cr(VI))



4. Polybrominated Biphenyls(PBBs), Polybrominated Diphenyl Ethers (PBDEs)

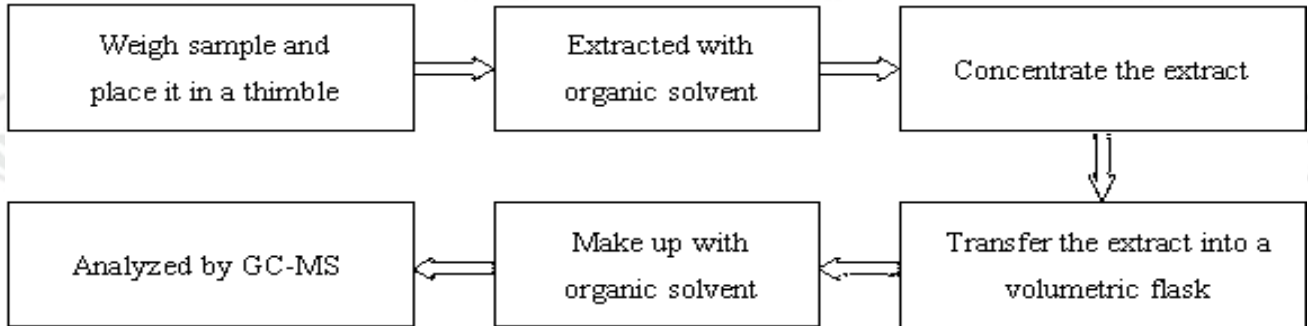


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5. Phthalates (DBP, BBP, DEHP, DIBP)



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Photo(s) of the sample(s)



*** End of report ***

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