

# Test Report

EPOXYSET INC.  
1 INDUSTRIAL CIRCLE, LINCOLN, RI 02865, USA

Report No. : CE/2005/B4972  
Date : 2005/11/28  
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**The following merchandise was (were) submitted and identified by the client as :**

Type of Product : EPOXY  
Style/Item No : EB-350-1LV-M2  
Buyer/Order No : KIRAN PATEL  
Sample Received : 2005/11/21  
Testing Date : 2005/11/21 TO 2005/11/28

=====  
**Conclusion** : The test results of Pb, Cd, Hg, Cr+6, PBB and PBDE for the submitted sample comply with the requirements of RoHS (2002/95/EC).

  
Daniel Yeh, M.R. / Operation Manager  
Signed for and on behalf of  
SGS TAIWAN LTD.

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## Test Result

PART NAME NO.1 : BLACK PASTE

PASS

| Test Item (s):  | Unit | Method  | MDL    | Result | Limit of ROHS |
|---|------|---|--------|--------|---------------|
|   |      |   |        | No.1   |               |
| Monobromobiphenyl   | %    | With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC) | 0.0005 | N.D.   | -             |
| Dibromobiphenyl   | %    |   | 0.0005 | N.D.   | -             |
| Tribromobiphenyl  | %    |   | 0.0005 | N.D.   | -             |
| Tetrabromobiphenyl  | %    |   | 0.0005 | N.D.   | -             |
| Pentabromobiphenyl  | %    |   | 0.0005 | N.D.   | -             |
| Hexabromobiphenyl   | %    |   | 0.0005 | N.D.   | -             |
| Heptabromobiphenyl  | %    |   | 0.0005 | N.D.   | -             |
| Octabromobiphenyl   | %    |   | 0.0005 | N.D.   | -             |
| Nonabromobiphenyl   | %    |   | 0.0005 | N.D.   | -             |
| Decabromobiphenyl   | %    |   | 0.0005 | N.D.   | -             |
| <b>Total PBBs(Polybrominated biphenyls)/Sum of above</b>                | %    |   | -      | N.D.   | 0.1           |
| Monobromobiphenyl ether   | %    | With reference to USEPA3540C or USEPA3550C. Analysis was performed by HPLC/DAD, LC/MS or GC/MS. (prohibited by 2002/95/EC (RoHS), 83/264/EEC, and 76/769/EEC) | 0.0005 | N.D.   | -             |
| Dibromobiphenyl ether   | %    |   | 0.0005 | N.D.   | -             |
| Tribromobiphenyl ether  | %    |   | 0.0005 | N.D.   | -             |
| Tetrabromobiphenyl ether  | %    |   | 0.0005 | N.D.   | -             |
| Pentabromobiphenyl ether  | %    |   | 0.0005 | N.D.   | -             |
| Hexabromobiphenyl ether   | %    |   | 0.0005 | N.D.   | -             |
| Heptabromobiphenyl ether  | %    |   | 0.0005 | N.D.   | -             |
| Octabromobiphenyl ether   | %    |   | 0.0005 | N.D.   | -             |
| Nonabromobiphenyl ether   | %    |   | 0.0005 | N.D.   | -             |
| Decabromobiphenyl ether   | %    |   | 0.0005 | N.D.   | -             |
| <b>Total PBBEs(PBDEs) (Polybrominated biphenyl ethers)/Sum of above</b> | %    |   | -      | N.D.   | -             |
| <b>Total of Mono to Nona-brominated biphenyl ether. (Note 5)</b>        | %    |   | -      | N.D.   | 0.1           |

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PASS

| Test Item (s):     | Unit | Method   | MDL | Result | Limit of ROHS |
|--------------------|------|--|-----|--------|---------------|
|                    |      |  |     | No. 1  |               |
| Chromium VI (Cr+6) | ppm  | UV-VIS after reference to US EPA 3060A.                                    | 2   | N.D.   | 1000          |
| Cadmium (Cd)       | ppm  | ICP-AES after reference to EN 1122, method B:2001 or other acid digestion. | 2   | N.D.   | 100           |
| Mercury (Hg)       | ppm  | ICP-AES after reference to US EPA 3052 or other acid digestion.            | 2   | N.D.   | 1000          |
| Lead (Pb)          | ppm  | ICP-AES after reference to US EPA 3050B or other acid digestion.           | 2   | N.D.   | 1000          |

- NOTE: (1) N.D. = Not detected (<MDL)  
 (2) ppm = mg/kg  
 (3) MDL = Method Detection Limit  
 (4) " - " = Not Regulation  
 (5) Decabromodiphenyl ether (DecaBDE) in polymeric applications is Commission Decision of 13 Oct 2005 amending Directive 2002/95/EC under document 2005/717/EC.  
 (6) PBBEs=PBDEs=Polybrominated Diphenyl Ethers=PBDOs=PBBOs.

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