

## Test Report

No. TJTC 0827302/CHEM

Date: June 25, 2008

Page 1 of 3

YANTAI E.S.T SILICONE TECH CO., LTD  
89 HUANHAI-ROAD, YANTAI CITY, SHAN DONG CHINA

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

SGS Ref No. : 11108577-1  
Main substance : DIHYDROXYPOLYDIMETHYLSILOXANE  
Part No. : TE-2084A


Sample Receiving Date : June 20, 2008  
Testing Period : June 20 to June 25, 2008

Test Requested : 1) To determine the Cadmium content in the submitted sample.  
2) To determine the Lead content in the submitted sample.  
3) To determine the Mercury content in the submitted sample.  
4) To determine the Hexavalent Chromium content in the submitted sample.  
5) To determine the PBBs(Polybrominated biphenyls) PBBEs(PBDEs)  
(Polybrominated biphenyl ethers) content in the submitted sample.

Test method : 1) With reference to IEC 62321/2<sup>nd</sup> CDV (111/95/CDV) for Cadmium content.  
Analysis was performed by ICP-AES.  
2) With reference to IEC 62321/2<sup>nd</sup> CDV (111/95/CDV) for Lead content.  
Analysis was performed by ICP-AES.  
3) With reference to IEC 62321/2<sup>nd</sup> CDV (111/95/CDV) for Mercury content.  
Analysis was performed by ICP-AES.  
4) With reference to US EPA Method 3060A & 7196A for Hexavalent Chromium  
content.  
Analysis was performed by UV-Vis Spectrometry.  
5) With reference to IEC 62321/2<sup>nd</sup> CDV (111/95/CDV) for PBBs and PBDEs content.  
Analysis was performed by GC/MS.

Test Results : Please refer to next page

Signed for and on behalf of  
SGS-CSTC Chemical Laboratory

  
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Lucid Qi  
Manager

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

<u>Test Item(s):</u>	<u>Method (refer to)</u>	<u>A</u>	<u>MDL</u>
Cadmium (Cd)	(1)	n.d.	2
Lead (Pb)	(2)	n.d.	2
Mercury (Hg)	(3)	n.d.	2
Hexavalent Chromium (CrVI) by alkaline extraction	(4)	n.d.	2
<b>Sum of PBBs</b>		n.d.	-
Monobromobiphenyl		n.d.	5
Dibromobiphenyl		n.d.	5
Tribromobiphenyl		n.d.	5
Tetrabromobiphenyl		n.d.	5
Pentabromobiphenyl		n.d.	5
Hexabromobiphenyl		n.d.	5
Heptabromobiphenyl		n.d.	5
Octabromobiphenyl		n.d.	5
Nonabromobiphenyl		n.d.	5
Decabromobiphenyl		n.d.	5
<b>Sum of PBDEs (Mono to Nona)(Note 4)</b>	(5)	n.d.	-
Monobromodiphenyl ether		n.d.	5
Dibromodiphenyl ether		n.d.	5
Tribromodiphenyl ether		n.d.	5
Tetrabromodiphenyl ether		n.d.	5
Pentabromodiphenyl ether		n.d.	5
Hexabromodiphenyl ether		n.d.	5
Heptabromodiphenyl ether		n.d.	5
Octabromodiphenyl ether		n.d.	5
Nonabromodiphenyl ether		n.d.	5
Decabromodiphenyl ether		n.d.	5
<b>Sum of PBDEs (Mono to Deca)</b>		n.d.	-

Test Part Description:

A. grey paste

- Note :
- (1) mg/kg = ppm
  - (2) n.d. = Not Detected
  - (3) MDL = Method Detection Limit
  - (4) Sum of Mono to NonaBDE & according to 2005/717/EC DecaBDE is exempt.
  - (5) "-" = Not Regulated

Sample photo:



SGS authenticate the photo on original report only

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