

## Test Report

No. EC407566407

Date: Jan 30 2008

Page 1 of 4

NATIONAL STARCH & CHEMICAL (HONG KONG) LTD  
ROOM 1601-6, LEVEL 16, METROPLAZA TOWER ONE  
NO. 223 HING FONG ROAD,  
KWAI FONG  
NEW TERRITORIES  
HONG KONG

The following sample was submitted and identified on behalf of the client as :

ADHESIVES

SGS Job No. : 1148986  
Item No : LAMINATOR 3046A  
Date of Sample(s) Received : JAN 16 2008  
Testing Period : JAN 16 - 24 2008

Test Requested/  
Test Method : - In accordance with RoHS Directive 2002/95/EC, and its amendment directives.  
- With reference to EPA Method 3051A/ 3052 for Cadmium, Lead and Mercury contents. Analysis was performed by ICP.  
- With reference to EPA Method 3060A & 7196A for Hexavalent Chromium content. Analysis was performed by colorimetric method (UV-VIS).  
- With reference to EPA Method 3550C/ 3540C for PBBs/ PBDEs contents. Analysis was performed by GC-MS.

Test Results : Please refer to next page.

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

Signed for and on behalf of  
SGS Hong Kong Ltd.



Ho Ka Ting Family  
Senior Laboratory Executive

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Page 2 of 4

### Test Results:

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

	<u>1</u>	<u>MDL</u>	<u>Limit</u>
Cadmium (Cd)	n.d.	2	100
Lead (Pb)	n.d.	2	1000
Mercury (Hg)	n.d.	2	1000
Hexavalent Chromium (CrVI) by colorimetric method	n.d.	2	1000
<b>Sum of PBBs (Mono to Deca)</b>	n.d.	-	1000
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 (Note 4)</b>	n.d.	-	1000
<b>Sum of PBDEs (Mono to Deca)</b>	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	

### Note :

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

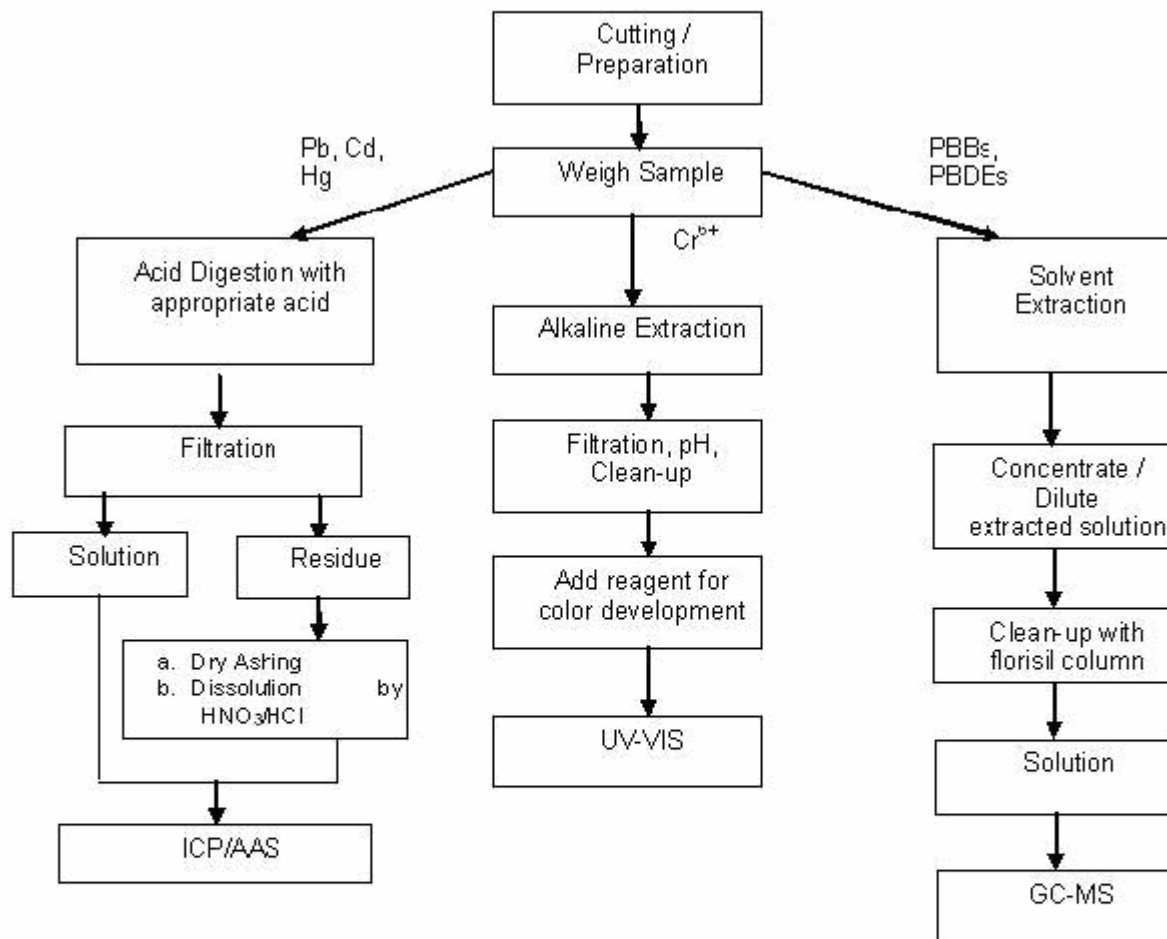
### Sample Description

1 White Glue

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**Flowchart:**



- Note : 1) For Cr(M), we also use spot test method for metal sample.  
 2) The Cd and Pb contents test on polymeric samples were dissolved totally by pre-conditioning method according to above flow chart.

Operator : Chiu Kan Yuen/ Tang Koon Pang (Acid digestion)  
Chiu Kan Yuen (Dry Ashing)  
Lam Ka Yung, Allen (Hexavalent Chromium)  
Lau Chung Yin, Eric (PBBs and PBDEs)

Section Chief : Leung Wai Yin, Jessica

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Sample photo:

## EC407566407 (Sample 1)



SGS authenticate the photo on original report only

\*\*\* End Of Report \*\*\*

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