

## TEST REPORT: S09CHM00901-04-CSY

Date: 7 APR 2009

Tel: +65 68851313 Fax: +65 67784301

Client's Ref:

Email: Jianhua.LIN@tuv-sud-psb.sg

**Note:** This report is issued subject to TÜV SÜD PSB's "Terms and Conditions Governing Technical Services".  
The terms and conditions governing the issue of this report are set out as attached within this report.



PSB Singapore

Choose certainty.  
Add value.

### **SUBJECT**

Determination of VOC Content for Coating Sample

### **CLIENT**

Jotun U.A.E. Ltd (L.L.C.)  
P.O. Box 3671  
United Arab Emirates

Attn : Mr Mathew Saji

### **DESCRIPTION OF SAMPLE**

One coating sample labelled as follows was received on 12 Mar 2009.

Jotashield Heritage Antique Tex  
B.No : 01.9.795629  
1L

### **DATE OF ANALYSIS**

16 Mar 2009 – 6 Apr 2009

### **METHOD OF TEST**

The sample was tested in the "as-received" condition.

#### **1. Volatile Content**

By ASTM D2369 Method

#### **2. Water Content**

By Karl Fischer Method using ASTM D4017 Method as a reference

#### **3. Volatile Organic Compounds (VOC)**

By ASTM D3960 Method as reference

VOC Content is expressed as the mass of VOC per unit volume of the sample less water only.

This means that the exempt solvent was excluded if present.



Laboratory:  
TÜV SÜD PSB Pte. Ltd.  
Testing Services  
No.1 Science Park Drive  
Singapore 118221

Phone : +65-6885 1333  
Fax : +65-6776 8670  
E-mail: testing@tuv-sud-psb.sg  
www.tuv-sud-psb.sg  
Co. Reg : 199002667R

Regional Head Office:  
TÜV SÜD Asia Pacific Pte. Ltd.  
3 Science Park Drive, #04-01/05  
The Franklin, Singapore 118223  
**TÜV®**

# TEST REPORT: S09CHM00901-04-CSY

7 APR 2009



PSB Singapore

## RESULTS

Table 1: Volatile Organic Compound (VOC) for the Sample

Test	Results
Exempt Solvent*	-
Density*	1.7g/cm <sup>3</sup>
VOC Content (As sample received)	<10g/L

\* The information was provided by the client.

**MS CHOO SEOW YAH**  
TECHNICAL EXECUTIVE

**DR LIN JIANHUA**  
ASSISTANT VICE PRESIDENT  
MICROCONTAMINATION DIAGNOSIS  
CHEMICAL & MATERIALS



# TEST REPORT: S09CHM00901-04-CSY

7 APR 2009



PSB Singapore

This Report is issued under the following conditions:

1. Results of the testing/calibration in the form of a report will be issued immediately after the service has been completed or terminated.
2. Unless otherwise requested, a report shall contain only technical results. Analysis and interpretation of the results and professional opinion and recommendations expressed thereupon, if required, shall be clearly indicated and additional fee paid for, by the Client.
3. This report applies to the sample of the specific product/equipment given at the time of its testing/calibration. The results are not used to indicate or imply that they are applicable to other similar items. In addition, such results must not be used to indicate or imply that TÜV SÜD PSB approves, recommends or endorses the manufacturer, supplier or user of such product/equipment, or that TÜV SÜD PSB in any way "guarantees" the later performance of the product/equipment.
4. The sample/s mentioned in this report is/are submitted/supplied/manufactured by the Client. TÜV SÜD PSB therefore assumes no responsibility for the accuracy of information on the brand name, model number, origin of manufacture, consignment or any information supplied.
5. Additional copies of the report are available to the Client at an additional fee. No third party can obtain a copy of this report through TÜV SÜD PSB, unless the Client has authorised TÜV SÜD PSB in writing to do so.
6. TÜV SÜD PSB may at its sole discretion add to or amend the conditions of the report at the time of issue of the report and such report and such additions or amendments shall be binding on the Client.
7. All copyright in the report shall remain with TÜV SÜD PSB and the Client shall, upon payment of TÜV SÜD PSB's fees for the carrying out of the tests/calibrations, be granted a license to use or publish the report to the third parties subject to the terms and conditions herein, provided always that TÜV SÜD PSB may at its absolute discretion be entitled to impose such conditions on the license as it sees fit.
8. Nothing in this report shall be interpreted to mean that TÜV SÜD PSB has verified or ascertained any endorsement or marks from any other testing authority or bodies that may be found on that sample.
9. This report shall not be reproduced wholly or in parts and no reference shall be made by the Client to TÜV SÜD PSB or to the report or results furnished by TÜV SÜD PSB in any advertisements or sales promotion.
10. Unless otherwise stated, the tests are carried out in TÜV SÜD PSB Pte Ltd, No.1 Science Park Drive Singapore 118221.

March 2009