Test Report

Ultra Trace Industrial Safety Hygiene

REPORT NO: UG/2019/50399
Date: 2019/05/17 Page: 1 of 3

INTERNATIONAL CARBIDE TECHNOLOGY CO., LTD.
NO.250, SEC.2, YOUGUAN RD., LUZHU DIST., TAOYUAN CITY 338, TAIWAN(R.O.C)

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

Sample Name: DC315 WATER BASED INTUMESCENT PAINT
Applicant: INTERNATIONAL CARBIDE TECHNOLOGY CO., LTD.
Item/Lot No: —
Sample Condition: Please refer to the photo for sample shown at the last page of this report.
MFG: —
EXP: —
Sample Received: 2019/05/08
Date of Testing: 2019/05/08 to 2019/05/17

Test Results: -Please refer to next page(s)-

Signed for and on behalf of SGS Taiwan Ltd.

Shin-Jyh Chen
Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Term and Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained herein reflects the Company’s findings at the time of its intervention only and within the limits of Client’s instructions, if any. The Company’s sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.
## Test Report

**Ultra Trace Industrial Safety Hygiene**

**REPORT NO:** UG/2019/50399  
**Date:** 2019/05/17  
**Page:** 2 of 3

**INTERNATIONAL CARBIDE TECHNOLOGY CO., LTD.**  
**NO.250, SEC.2, YOUGUAN RD., LUZHU DIST., TAOYUAN CITY 338, TAIWAN(R.O.C)**

### Test Results:

<table>
<thead>
<tr>
<th>Test Item</th>
<th>CAS NO.</th>
<th>Test Method</th>
<th>Test Results</th>
<th>LOQ/LOD</th>
<th>Unit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total Volatile organic compounds (TVOC)*</td>
<td>---</td>
<td>With reference to USEPA Method 24.</td>
<td>10.3</td>
<td>0.200</td>
<td>g/L</td>
</tr>
<tr>
<td>VOC less water*</td>
<td>---</td>
<td>With reference to USEPA Method 24.</td>
<td>18.6</td>
<td>0.200</td>
<td>g/L</td>
</tr>
<tr>
<td>Volatile content by ASTM D2369*</td>
<td>---</td>
<td>With reference to USEPA Method 24.</td>
<td>33.1</td>
<td>0.0200</td>
<td>%</td>
</tr>
<tr>
<td>Water content by Karl Fischer</td>
<td>---</td>
<td>With reference to USEPA Method 24.</td>
<td>32.3</td>
<td>0.0100</td>
<td>%</td>
</tr>
<tr>
<td>Density</td>
<td>---</td>
<td>With reference to USEPA Method 24.</td>
<td>1386</td>
<td>---</td>
<td>g/L</td>
</tr>
</tbody>
</table>

### NOTE:

1. The test report merely reflects the test results of the consigned matters of the client and is not a certification of the legitimacy of the related products.
2. The content of this report is invalid if it is not presented as the entire report.
3. If the testing item belongs to quantitative analysis then this column describes Limit of Quantification (LOQ); If the testing item belongs to qualitative analysis then this column describes Limit of Detection (LOD).
4. The testing result will be “N.D.” or “Negative” for the value less than LOQ/LOD, respectively.
5. * * * These testing results were calculated by ISO 11890-2 Method 1,2,3.

- END -
Test Report

Ultra Trace Industrial Safety Hygiene

REPORT NO: UG/2019/50399 Date: 2019/05/17 Page: 3 of 3

INTERNATIONAL CARBIDE TECHNOLOGY CO., LTD.
NO.250, SEC.2, YOU GUAN RD., LU ZHU DIST., TAO YUAN CITY 338, TAIWAN (R.O.C)

Sample Photo

UG/2019/50399

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company’s findings at the time of its intervention only and within the limits of Client’s instructions, if any. The Company’s sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.