HumiSeal® Standard Solvent Based Thinners
Technical Data Sheet

When necessary, the viscosity of HumiSeal® coatings may be adjusted for application purposes, using a compatible thinner from the table below. HumiSeal® Thinners are blends of solvents, formulated to maintain the original system balance when added to the correct coating type. These HumiSeal® Thinners are in full compliance with the RoHS Directive 2002/95/EC.

### Typical Physical Properties of HumiSeal® Thinners

<table>
<thead>
<tr>
<th>Thinner</th>
<th>64</th>
<th>73</th>
<th>503</th>
<th>505</th>
<th>521</th>
<th>535</th>
</tr>
</thead>
<tbody>
<tr>
<td>Suitable HumiSeal® Coatings</td>
<td>2A64</td>
<td>1B73</td>
<td>1B12, 1B31, 1B66, 1B73</td>
<td>1R32, 1R32A-2</td>
<td>1A20, 1A27, 1A33, 1B31, 1B66, 1B73, 1R32</td>
<td>2A53</td>
</tr>
<tr>
<td>Relative Evaporating Rate (BuAc=1)</td>
<td>0.89</td>
<td>1.0</td>
<td>3.77</td>
<td>1.65</td>
<td>0.60</td>
<td>1.50</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>0.95 ± 0.01</td>
<td>0.88 ± 0.01</td>
<td>0.85 ± 0.01</td>
<td>0.83 ± 0.01</td>
<td>0.87 ± 0.01</td>
<td>0.87 ± 0.01</td>
</tr>
<tr>
<td>Boiling Point (°C)</td>
<td>110</td>
<td>127</td>
<td>82</td>
<td>117</td>
<td>137</td>
<td>110</td>
</tr>
<tr>
<td>Vapour Pressure (mmHg)</td>
<td>9.1</td>
<td>8.0</td>
<td>45.4</td>
<td>15</td>
<td>19.4</td>
<td>45.4</td>
</tr>
<tr>
<td>Vapour Density (Air=1)</td>
<td>3.4</td>
<td>4.0</td>
<td>4.0</td>
<td>3.5</td>
<td>3.6</td>
<td>4.0</td>
</tr>
<tr>
<td>Flash Point (°C) TCC</td>
<td>5</td>
<td>27</td>
<td>-1</td>
<td>14</td>
<td>27</td>
<td>5</td>
</tr>
<tr>
<td>VOC (grams/litre)</td>
<td>950</td>
<td>882</td>
<td>850</td>
<td>830</td>
<td>868</td>
<td>868</td>
</tr>
<tr>
<td>Shelf Life, DOM</td>
<td>24 months</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Colour</td>
<td>Clear</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Directions for Use
Add HumiSeal® Thinner to a compatible coating until the desired viscosity is obtained.

### Handling Precautions
HumiSeal® Thinners are flammable and the following standard safety precautions should be observed:

- Use only in well ventilated areas.
- Protective gloves and goggles should be worn.
- In case of prolonged skin contact, wash with water.
- In case of eye contact, flush with water and contact physician.
- Avoid prolonged breathing of vapours.
- Unused portions of HumiSeal® products must be disposed of in strict compliance with Local, State, and Federal laws governing such matters.
- Consult the Material Safety Data Sheet (MSDS/SDS) for more specific product information.
Contact HumiSeal®

HumiSeal North America
201 Zeta Drive
Pittsburgh, PA  15238
USA
Tel: +1 412-828-1500
Toll Free (US only): 866-828-5470
sales@humiseal.com

HumiSeal Technical Center
295 University Avenue
Westwood, MA  02090
USA
Tel: +1 781-332-0734
Fax: +1 781-332-0703
technicalsupport@humiseal.com

HumiSeal Europe
505 Eskdale Road, IQ Winnersh
Berkshire RG41 5TU
UK
Tel: +44 (0)1189 442 333
Fax: +44 (0)1189 335 799
europeansales@chasecorp.com

HumiSeal Europe Support
Tel: +44 (0)1189 442 333
Fax: +44 (0)1189 335 799
europetechnicalsupport@chasecorp.com

HumiSeal S.A.R.L
4/6 Avenue Eiffel
78420 Carrieres-Sur-Seine
France
Tel: +33 (0) 1 30 09 86 86
Fax: +33 (0) 1 30 09 86 87
humiseal.sarl@chasecorp.com

HumiSeal Asian Support
Tel: 852-9451-6434
Fax: 852-2413-6289
asiatechnicalsupport@humiseal.com

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