Titan 7567 is a single component anaerobic pipe sealant with PTFE, designed for the locking and sealing of metal pipes and fittings. It provides immediate low pressure sealing performance on tapered pipe threads.

### Physical Properties - Monomer (Uncured)
- **Base Compound**: Dimethacrylate Ester
- **Appearance**: Off-white Paste
- **Viscosity**: 540,000 +/- 260,000 cps (Brookfield Spindle 3 @ 20 rpm, RVT, 25°C)
- **Gap Fill**: .025" (Brookfield Spindle 3 @ 20 rpm, RVT, 25°C)
- **Specific Gravity**: 1.1
- **Flash Point**: >200°F
- **Shelf Life**: 12 months unopened
- **Storage Condition**: 20°C/ 68°F
- **RoHS-Compliant**: yes

### Physical Properties - Polymer (Cured)
- **Appearance**: Off-White Solid
- **Locking Strength**: Low
- **Service Temp Range**: -65 to 400 °F (-54 to 204 °C)
- **Full Cure Time**: 24 hours
- **Pin/Collar Strength**: 450 psi, 3.10 N/mm²

### Performance of Cured Adhesive

<table>
<thead>
<tr>
<th>Performance</th>
<th>inch-pounds</th>
<th>Newton meters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breakaway Torque</td>
<td>25.0 to 75.0</td>
<td>2.82 to 8.47</td>
</tr>
<tr>
<td>Prevailing Torque</td>
<td>20.0 to 40.0</td>
<td>2.26 to 4.52</td>
</tr>
</tbody>
</table>

### Setting Time / Full Cure Time*
- **Steel**: 30 minutes / 24 hrs
- **Brass**: 45 minutes / 24 hrs
- **Zn Dichromate**: 60 minutes / 24 hrs
- **Stainless Steel**: 60 minutes / 24 hrs

*68°F, 65% RH

### Solvent Resistance

<table>
<thead>
<tr>
<th>Solvent</th>
<th>Example</th>
<th>Resistance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alcohol</td>
<td>Ethanol, Methanol</td>
<td>++ +</td>
</tr>
<tr>
<td>Ester (aromatic)</td>
<td>Ethylacetate</td>
<td>-- --</td>
</tr>
<tr>
<td>Ketone (aromatic)</td>
<td>Acetone, Benzophenone</td>
<td>-- --</td>
</tr>
<tr>
<td>Aliphatic hydrocarbon</td>
<td>Petrol, Heptanes, Hexane</td>
<td>++ +</td>
</tr>
<tr>
<td>Aromatic hydrocarbons</td>
<td>Benzyl, Toluol, Xylol</td>
<td>++ +</td>
</tr>
<tr>
<td>Halogenated hydrocarbons</td>
<td>Methylenchloride, Chloroform, Chlorobenzol</td>
<td>-- --</td>
</tr>
<tr>
<td>Weak aqueous acid</td>
<td>Nitrite, muriatic acid, sulphuric acid, phosphoric acid</td>
<td>++ + (- -- -- if concentrated)</td>
</tr>
<tr>
<td>Weak aqueous base</td>
<td>sodium hydroxide solution, caustic potash</td>
<td>++ + (- -- -- if concentrated)</td>
</tr>
</tbody>
</table>
**General Instructions**

Surfaces to be bonded should be clean and dry and free of grease. Product should be applied in enough quantity to fill all engaged threads. The product performs best in thin bond gaps. Very large gaps may create gaps that will affect the cure speed and overall strength. Good contact is essential. An adequate bond develops in 15 to 45 minutes and maximum strength is attained in 24 hours. This product is not recommended for use in pure oxygen environments and/or oxygen-rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials. This product is not designed for plastics, particularly thermoplastics where stress cracking of the plastic could result. It is recommended to confirm compatibility of the product with all substrates prior to use.

**Curing Performance**

The gap of the bond line will affect set speed. Smaller gaps tend to increase set speed. Activators may be applied to further improve set speed, but may also impair overall adhesive performance.

**Storage**

Products should be stored unopened in a cool, dry place out of direct sunlight. Products may be refrigerated for improved shelf life, but should be brought back to room temperature before use.

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**Note**

The data contained herein are furnished for information only and are believed to be reliable. Cyberbond cannot assume responsibility for the results obtained by others over whose method Cyberbond does not control. It is the user’s responsibility to determine suitability for the product or of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, Cyberbond specifically disclaims all warranties of merchantability or fitness for a particular purpose arising from sale or use of Cyberbond products. Cyberbond specifically disclaims any liability for consequential or incidental damages of any kind, including loss of profits. The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Cyberbond patents which may cover such processes or compositions. We recommend that each prospective user test the proposed application to determine its suitability for the purpose intended prior to incorporating any product or application in its manufacturing process using the data as a guide.

**For safe handling information on this product, consult the Material Safety Data Sheet (MSDS)**

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