AUTOSTIC ADHAESIUM - MACHINE MOUNTING COMPOUND

- Adhaesium is a unique water based adhesive mounting system, which does not rely on bolting and grouting reducing instillation time.
- Can be applied and used without damage to floor slab integrity.
- Designed for use to secure medium and heavy machinery such as lathes, presses and punches.
- Equipment secured with Adhaesium can be easily removed and re-sited without damage to either the floor or machine base.
- A maximum continuous operating temperature of +1000°C.

Typically Used For
- The setting and stabilisation of medium and heavy manufacturing equipment.

Principal Characteristics
- Supplied as an inorganic felt which can be cut to the size required.
- Scientifically shown to reduce vibration and noise transmission.
- Can withstand high operating temperatures of >1000°C.

<table>
<thead>
<tr>
<th>Softening Temperature</th>
<th>Melting Temperature</th>
<th>Average shear strain</th>
<th>Health and Safety / Environmental Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>950°C</td>
<td>1150°C</td>
<td>1.02 MPa</td>
<td>See separate MSDS sheet. (Autostic Adhaesium - Machine Mounting Compound).</td>
</tr>
<tr>
<td>Average break strain</td>
<td>0.41 MPa</td>
<td>Good</td>
<td>RoHS Compliant.</td>
</tr>
<tr>
<td>Alkali Resistance</td>
<td>Good</td>
<td>Oxidation Resistance</td>
<td></td>
</tr>
<tr>
<td>Acid Resistance</td>
<td>Excellent, except</td>
<td>Packaging</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Hydrofluoric</td>
<td>2 m x 10 cm per pack</td>
<td></td>
</tr>
</tbody>
</table>
Guidelines for Use

Application

- Thoroughly clean and degrease surfaces to be bonded.
- Remove felt from liquid and cut to desired length.
- Apply felt to floor or machine base taking care to form a smooth, level surface to maximise adhesion between flooring and machine base.
- Align machinery and allow the adhesive to set.

Curing Schedule

- As this product is water based, it is necessary to fully dry and dehydrate the adhesive to achieve optimum adhesion.
- The curing of this product may vary depending on temperature, humidity, porosity of substrates, and area etc. A rough guide for typical applications at room temperature and average humidity would be approximately 24 hours.
- Curing may be accelerated by the application of gentle and progressive heat (do not exceed 100°C during curing as this may lead to product failure).

Removal of Adhaesium

- Adhaesium may be removed for flooring/machine bases, (without incurring any damage), at any time using steam/boiling water or high pH.

Storage

- Product should be stored in original packaging between 5 - 30°C.
- Shelf life – 24 months.