**PRODUCT DESCRIPTION**
Permatex® Aviation Form-A-Gasket® No. 3 Sealant is a dark reddish brown, viscous liquid with a characteristic alcoholic odor. It is a slow drying, liquid that changes to a pliable, tacky film through solvent evaporation. It seals close fitting parts, machined surfaces and threaded connections in industrial, aircraft, marine and automotive applications. Conforms to MIL-S-45180D, Type III.

**PRODUCT BENEFITS**
- For close tolerance flanges
- Slow drying
- Flexible setting
- Withstands pressures to 5000 psi

**TYPICAL APPLICATIONS**
- Solid gasket dressing
- Close fitting machined surfaces
- Threaded connections
- Aviation engines
- Marine engines

**DIRECTIONS FOR USE**
1. Remove all previous material from mating surfaces. Permatex® Gasket Remover is recommended for most materials, not for plastics or painted surfaces.
2. For best results, clean and dry all surfaces with a residue-free solvent, such as Permatex® Brake and Parts Cleaner.
3. Remove cap and coat with brush-top applicator.
4. When used as a gasket dressing, spread product with a spatula to a uniform film on one side of gasket and then position it on the assembly. Coat the second side of gasket and re-assemble. Slower drying formula increases work time.
5. Assembly is operational after 4 hours, full cure is effective after 24 hours.

**For Cleanup**
1. The product can be removed from metal surfaces with isopropyl alcohol. If the sealant has been dried for a long time or at high temperatures, cover the sealant with alcohol and allow to soften overnight.
2. Clean hands with Permatex® brand hand cleaners.

**PROPERTIES OF UNCURED MATERIAL**

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Type</td>
<td>Modified resin, fillers &amp; alcohol</td>
</tr>
<tr>
<td>Appearance</td>
<td>Dark brown liquid</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcoholic</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.1</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Viscous liquid</td>
</tr>
<tr>
<td>Flash Point, TCC, °F</td>
<td>60</td>
</tr>
</tbody>
</table>

**TYPICAL CURING PERFORMANCE**
Permatex® Aviation Form-A-Gasket® No. 3 Sealant once applied, develops into a pliable, tacky seal by solvent evaporation. Dry times will vary with temperature, humidity and gap.

**TYPICAL ENVIRONMENTAL RESISTANCE**

<table>
<thead>
<tr>
<th>Temperature Resistance</th>
<th>Typical Values</th>
</tr>
</thead>
<tbody>
<tr>
<td>Continuous, °C (°F)</td>
<td>-54 to 204</td>
</tr>
<tr>
<td></td>
<td>(-65 to 400)</td>
</tr>
</tbody>
</table>

**Chemical / Solvent Resistance**
The product retains effective properties in contact with water, ethylene glycol, gasoline, motor oil, transmission fluid and sea water.

**GENERAL INFORMATION**
This product is not recommended for use in pure oxygen and/or oxygen rich systems and should not be selected as a sealant for chlorine or other strong oxidizing materials.

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

**ORDERING INFORMATION**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Container Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>80017 (3D)</td>
<td>16 oz. bottle</td>
</tr>
</tbody>
</table>

**STORAGE**
Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°C to 28°C (46°F to 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range. To prevent contamination of unused product, do not return any material to its original container.

**NOTE**
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