PRODUCT DESCRIPTION
Permatex® Form-A-Gasket® No. 1 Sealant is a reddish brown, viscous paste with a characteristic alcoholic odor. It is a fast drying paste that changes to a hard, semi flexible seal through solvent evaporation. It seals flanges, fittings, connections and assemblies against leakage. Improves gasket seal in permanent and rigid assemblies.

PRODUCT BENEFITS
• Extends gasket life
• Prevents leaks
• Fast drying
• Hard setting

TYPICAL APPLICATIONS
• Freeze plugs
• Automotive and industrial sealant for permanent assemblies
• Threaded connections
• Manifold gaskets
• Air ducts
• Boilers
• Pipe fittings
• Plumbing connections

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, puncture tube or cartridge seal and attach extension nozzle (if provided).
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.
5. Assembly is operational after 2 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>Red - brown paste</td>
</tr>
<tr>
<td>Odor</td>
<td>Alcohol</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.5</td>
</tr>
<tr>
<td>Viscosity</td>
<td>Viscous paste</td>
</tr>
<tr>
<td>Flash Point, TCC, °C (°F)</td>
<td>Does not apply</td>
</tr>
</tbody>
</table>

TYPICAL CURING PERFORMANCE
Permatex® Form-A-Gasket® No. 1 Sealant once applied, develops a hard, semi-flexible sealant by solvent evaporation. Dry times will vary with temperature, humidity and gap.

TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance

| Continuous, °C (°F)     | -54 to 204 (-65 to 400) |

Chemical / Solvent Resistance
The product retains effective properties in contact with water, ethylene glycol, non-ethanol containing 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>80003 (1C)</td>
<td>11 oz tube, boxed</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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