PRODUCT DESCRIPTION
Permatex® PermaShield™ Fuel Resistant Gasket Sealant and Flange Sealant is a non-setting and non-hardening gel sealant designed for use with all pre-cut gaskets, including head gaskets and as a sealant for machined flanges. The product has a temperature range of -60°F to 500°F (-50°C to 260°C), is non-running and resists automotive fluids including all industrial fuels, oils, water/glycol mixtures, petroleum and synthetic lubricating oils, gasoline, diesel fuels, gasoline/alcohol mixtures and fluorocarbon refrigerants.

Permatex® PermaShield™ Fuel Resistant Gasket Dressing and Flange Dressing can be used to seal machined joint faces and threaded parts. PermaShield™ exhibits excellent adhesive properties making the product acceptable for high performance applications.

Permatex® PermaShield™ may be used as a gasket sealant or as a gasket-maker for machined flanges.

PRODUCT BENEFITS
- High temperature resistance
- Non-running - can be used on vertical or underside applications
- Permanently flexible, may be re-sealed without additional application of product
- Sensor Safe

TYPICAL APPLICATIONS
- Head gaskets
- Valve cover gaskets
- Oil pan gaskets
- Intake gaskets
- Marine engines
- Diesel engines
- Gear boxes
- Axle assemblies
- Torque converters
- Differential covers
- Fuel injectors and pumps

DIRECTIONS FOR USE
1. Provide adequate ventilation.
2. Surfaces should be free of oil, dirt and grease. Clean flange surfaces with Permatex® Brake and Parts Cleaner.
3. Apply a thin film or bead to both surfaces.
4. Allow solvent to completely evaporate. Acetone/solvent odor will no longer exist when dry.
5. Assemble parts.
6. Recheck torque after 10 minutes.

For Cleanup
1. Remove residues of PermaShield™ with acetone.
2. Clean hands with Permatex® brand hand cleaners.

PROPERTIES OF MATERIAL

<table>
<thead>
<tr>
<th>Property</th>
<th>Typical Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemical Type</td>
<td>Polyester Urethane</td>
</tr>
<tr>
<td>Appearance</td>
<td>Blue gel</td>
</tr>
<tr>
<td>Odor</td>
<td>Acetone</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>1.04</td>
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<tr>
<td>Flash Point °F CC</td>
<td>&lt;0</td>
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<tr>
<td>Flammability Rating</td>
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</table>

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>85420</td>
<td>2 fl oz tube, carded</td>
</tr>
</tbody>
</table>

STORAGE
Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8°F and 28°C (46°F and 82°F) unless otherwise labeled. Optimal storage is at the lower half of this temperature range.

NOTE
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