



Research, Development & Engineering  
Tallaght Business Park,

## Product Description Sheet Product 5972

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### PRODUCT DESCRIPTION

Loctite® 5972 High Temperature Gasket Sealant is a slow drying, grey, viscous paste. It remains pliable and flexible and is designed to seal flanges, threaded connections and fasteners at temperatures from -50°F to +600°F (-45°C to +315°C). It can be effectively applied to cork, paper, plastic and metal surfaces.

### PRODUCT BENEFITS

- Easy to apply
- Increases reliability at high temperatures
- Cuts repair time
- Reduces breakdowns
- Resistant to wide range of oils, fuels, lubricants and chemicals
- Seals pressures up to 34 MPa

### TYPICAL APPLICATIONS

- Seals gaskets, flanges and threaded connections
- Aircraft heating systems
- Manifolds
- Pipe fittings
- Steam lines
- Gear boxes
- Cover plates

### DIRECTIONS FOR USE

1. Clean and dry all surfaces.
2. Apply Loctite 5972 High Temperature Gasket Sealant onto both surfaces and spread with spatula or putty knife.
3. Set-up time is 3 to 5 hours.
4. Assemble parts immediately while still wet. Secure or tighten to recommended torque specs.
5. Re-torque will not be necessary after the product has cured.

### PROPERTIES OF UNCURED MATERIAL

|                         | Typical Value                    |
|-------------------------|----------------------------------|
| Chemical Type           | Modified resin                   |
| Appearance              | Black paste                      |
| Odour                   | Alcoholic                        |
| Specific Gravity        | 1.1                              |
| Viscosity               | Flow similar to SAE 60 Motor Oil |
| Flash Point, TCC °C(°F) | 16 (60)                          |

### 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 oxidising materials.**

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

### Storage

Products shall be ideally stored in a cool, dry location in unopened containers at a temperature between 8° to 28°C (46° to 82°F) unless otherwise labelled. 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. For specific shelf-life information, contact your local Technical Service Centre.

### Note

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PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.  
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