



Research, Development & Engineering

Tallaght Business Park,
Dublin, Ireland

Product Description Sheet Product 5972

September 2001

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.

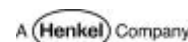
Note

The data contained herein are furnished for information only and are believed to be reliable. We cannot assume responsibility for the results obtained by others over whose methods we have no control. It is the user's responsibility to determine suitability for the user's purpose of any production methods mentioned herein and to adopt such precautions as may be advisable for the protection of property and of persons against any hazards that may be involved in the handling and use thereof. In light of the foregoing, **Loctite Corporation specifically disclaims all warranties expressed or implied, including warranties of merchantability or fitness for a particular purpose, arising from sale or use of Loctite Corporation's products. Loctite Corporation specifically disclaims any liability for consequential or incidental damages of any kind, including lost profits.** The discussion herein of various processes or compositions is not to be interpreted as representation that they are free from domination of patents owned by others or as a license under any Loctite Corporation patents that may cover such processes or compositions. We recommend that each prospective user test his proposed application before repetitive use, using this data as a guide. This product may be covered by one or more United States or foreign patents or patent applications.

NOT FOR PRODUCT SPECIFICATIONS.

THE TECHNICAL DATA CONTAINED HEREIN ARE INTENDED AS REFERENCE ONLY.

PLEASE CONTACT LOCTITE CORPORATION QUALITY DEPARTMENT FOR ASSISTANCE AND RECOMMENDATIONS ON SPECIFICATIONS FOR THIS PRODUCT.
ROCKY HILL, CT FAX: +1 (860)-571-5473 DUBLIN, IRELAND FAX: +353-(1)-451 - 9959



Loctite is a Trademark of Loctite Corporation, U.S.A.