



Research, Development & Engineering

Tallaght Business Park,
Dublin, Ireland

Product Description Sheet Product 5921

October 2001

PRODUCT DESCRIPTION

LOCTITE® Product 5921 is a reddish brown, viscous paste with a characteristic alcohol odour. 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
- 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.
2. For best results, clean and dry all surfaces with a residue-free solvent.
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 hand cleaners.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Modified resin, fillers & alcohol
Appearance	Red - brown paste
Door	Alcoholic
Specific Gravity	1.5
Viscosity	Flow similar to molasses
Flash Point	Does Not Apply

TYPICAL CURING PERFORMANCE

Loctite® Product 5921 once applied, develops a hard, semi-flexible sealant by solvent evaporation. Dry times will vary with temperature, humidity and gap.

PERFORMANCE OF CURED MATERIAL

Withstands pressures to 34MPa

TYPICAL ENVIRONMENTAL RESISTANCE

Temperature Resistance Typical Values

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

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 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.