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Product Description Sheet

Gasket Sealant Number 1

Maintenance, Repair & Operations, May 2001

PRODUCT DESCRIPTION

LOCTITE® Gasket Sealant #1 is a reddish brown, viscous paste with a characteristic alcohol 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
- 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
Odor	Alcoholic
Specific Gravity	1.5
Viscosity	Flow similar to molasses
Flash Point	Does Not Apply

TYPICAL CURING PERFORMANCE

Loctite® Gasket Sealant #1 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 5000 psi.

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 oxidizing materials.

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

Ordering Information

Part Number	Container Size
30510	1.5 oz. Net Wt. Tube, Boxed
30511	3 oz. Net Wt. Tube, Boxed
30512	11 oz. Net Wt. Tube, Boxed

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 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. For specific shelf-life information, contact your local Technical Service Center.

Note

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