



Research, Development & Engineering

Tallaght Business Park,
Dublin, Ireland

Product Description Sheet Product 595

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PRODUCT DESCRIPTION

Loctite® Product 595 is a single component, room temperature vulcanising compound designed to provide an excellent adhesive sealant for mechanical assemblies. This material cures on exposure to moisture in the air to form a tough, flexible, silicone rubber seal. The product resists aging, weathering and thermal cycling without hardening, shrinking or cracking. Designed for superior bonding and sealing properties to most surfaces (not recommended for concrete). Formulated to withstand extreme temperature cycling, UV light and ozone.

PRODUCT BENEFITS

- Non-slumping
- Superior adhesion and flexibility
- Seals out moisture and contaminants
- Excellent adhesive properties
- Fills large cracks and seams
- Non-flammable

TYPICAL APPLICATIONS

- Electrical insulation
- Protects leads from mechanical shock
- Bonds trim
- Seals ductwork, vents, flues, doors, windows

DIRECTIONS FOR USE

1. Clean and dry surfaces. Remove all oil and grease.
2. Apply product to surface. For bonding applications, apply to one surface only and join surfaces immediately. When using pressurised cans and cartridges, apply silicone by pushing the product in the direction of use (forward) into the surface.
3. Wipe away excess material immediately.

For Cleanup

1. Allow excess material to extend beyond the extension nozzle or aerosol tip to cure, sealing and protecting the remaining product from moisture. For reuse, simply remove the cured product from the tip.
2. Remove uncured product from parts and hand-tools with a dry cloth. If skinned over, break film with a dry cloth to remove as much as possible.
3. Clean hands with a dry cloth or hand cleaner.

PROPERTIES OF UNCURED MATERIAL

	Typical Value
Chemical Type	Acetoxy silicone rubber
Appearance	Clear paste
Odour	Acetic acid
Specific Gravity	1.01
Viscosity	Thixotropic Paste
Flash Point °C (°F)	>93 (>200)

TYPICAL CURING PERFORMANCE

Loctite® Product 595 cures on exposure to moisture in the air. The product dries tack free in two hours and fully cures in 24 hours. Cure times will vary with temperature, humidity and gap.

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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