Silicone-based Dow Corning sealants last longer and are more versatile than most equivalent polymer sealants. They are durable, non-toxic, non-flammable sealants that can be used in a wide variety of industrial assembly and maintenance applications.

Dow Corning® Silicone Sealants are neutral-cure, low modulus, 100% silicone chemistry with excellent durability and high performance characteristics. They provide excellent performance in a variety of different conditions and are suitable for a wide range of industrial applications.

Features of Dow Corning silicone sealants include:

- **Neutral-cure 100% Silicone Chemistry** – High resistance to UV rays, radiation, and weather, providing excellent performance in a variety of conditions.
- **Low Flammability** – Our products are designed to comply with UL flammability standards.
- **Total Cure** – Our products provide total cure, enabling them to be used in a variety of demanding applications.
- **Safe Curing** – Our products are designed to be non-hazardous and safe for use in a variety of conditions.
- **Good Bond Strength** – Our sealants offer strong bonding and sealing properties, making them ideal for a variety of applications.
- **High Resistance to UV, Radiation, and Weather** – Our products provide outstanding durability and UV resistance.
- **Low Odor** – Our products are designed to have very low odor, making them ideal for use in a variety of applications.
- **Ultra Clear** – Our products are available in ultra clear or select colors.
- **No ‘Hold Time’ Required** – Immediate green strength allows for fast assembly and decreased downtime.
- **Designed for Assembly and Maintenance** – Our products are designed to provide excellent performance in a variety of conditions.
- **Compatibility** – Our products are designed to be compatible with a wide range of materials.
- **Low Lint-Forming Characteristics** – Our products are designed to be low lint-forming, making them ideal for use in a variety of applications.
- **Long Shelf Life** – Our products provide long shelf life, enabling them to be stored for extended periods.
- **Non-Expanding During Curing** – Our products are designed to provide excellent performance in a variety of conditions.
- **Low Viscosity** – Our products are designed to have low viscosity, making them ideal for use in a variety of applications.
- **Excellent Long-Term Stability** – Our products are designed to provide excellent long-term stability.
- **Environmentally Friendly** – Our products are designed to be environmentally friendly, making them ideal for use in a variety of applications.
- **Flexible and Durable** – Our products provide excellent flexibility and durability.
- **Chemical Resistance** – Our products are designed to provide excellent chemical resistance.
- **Excellent Electrical Properties** – Our products are designed to provide excellent electrical properties.
- **Good Adhesion** – Our products are designed to provide excellent adhesion.
- **Chemical and Atmospheric Pollution Resistance** – Our products are designed to provide excellent chemical and atmospheric pollution resistance.

Innovative Technology

Reactive silicone-based technology provides high green strength which can increase productivity, improve quality and reduce costs in industrial assembly and maintenance applications.

Dow Corning® 505-2580 Assembly Sealant is a neutral, neutral-cure, reactive silicone sealant that is ideal for neutral-cure applications in the manufacturing of various components. When used with standard hot-melt dispensing equipment, it provides excellent performance at high temperatures and is ideal for use in a variety of demanding applications.

Dow Corning® 1801 Silicone Adhesive is a neutral-cure, reactive silicone adhesive that is ideal for use in a variety of demanding applications. It is a one-component, two-part system that cures to a tough, rubbery solid with exceptional performance.

Silicone-based Dow Corning sealants are ideal for a variety of demanding applications. They are designed to provide excellent performance in a variety of demanding conditions.

**Health and Environmental Information**

To ensure safety, Dow Corning has an extensive Product Stewardship program in place. For more information, please visit our website, www.dowcorning.com or consult your local Dow Corning representative.

**Contact Us**

For more than 60 years, OEM designers, maintenance and materials engineers around the world have trusted Dow Corning for high-performance, superior reliability and cost savings. Dow Corning offers a variety of products that are available a depth of selection, greater than any other silicone producer. To learn more about our extensive product and service offerings, visit www.dowcorning.com or contact your local Dow Corning representative.
**Dow Corning® Siloxane Adhesive/Sealant**
- **Primary Use** - General purpose bonding and sealing.
- **Applications** - Bonding and sealing of opalescent parts, sealing and bonding of metal-to-metal applications.
- **Special Characteristics** - Tough, non-sag adhesive that cures at room temperature and eliminates the need for atmospheric moisture.
- **Specifications** - General purpose adhesion promoter.

**Dow Corning® 3550 Neutral Cure Sealant**
- **Primary Use** - General purpose bonding and sealing.
- **Applications** - OEM and assembly applications, very good adhesion to many substrates.
- **Special Characteristics** - Significantly improves the adhesion of silicone sealants, conformal coatings and rubber to masonry, wood, granite, metals, glass, ceramics, plastics, rubbers and coatings.
- **Specifications** - General purpose adhesion promoter.

**Alkoxide**
- **Dow Corning® 7091 Adhesive/Sealant**
- **Applications** - Bonding and sealing applications exposed to temperatures up to 275°C (527°F) and where a flowable product is required.
- **Specifications** - General purpose bonding and sealing.

**Oxime**
- **Dow Corning® 7093 Adhesive/Sealant**
- **Applications** - Bonding and sealing of metal-to-metal applications with high resistance to fuels, oils and solvents.
- **Specifications** - General purpose bonding and sealing, low moisture cure.

**Butoxide**
- **Dow Corning® 7094 Adhesive/Sealant**
- **Applications** - Bonding and sealing electrical equipment, general purpose bonding and sealing.
- **Specifications** - General purpose adhesion promoter, UL94-V-1, MIL-A-46106.