## Dow Corning® 4 Electrical Insulating Compound

- **Primary Use** – Dielectric moisture barrier on electrical equipment.
- **Special Characteristics** – High dielectric strength; least tacky of Dow Corning silicone compounds; moisture and ozone resistance.
- **Physical Form** – Medium-consistency, translucent white, grease-like silicone paste.
- **Applications** – Lubricating and moisture-proofing ignition systems, disconnect junctions, electrical assemblies and terminals, cable connectors and battery terminals; maintaining flexibility of natural and synthetic rubbers, vinyls, plastics, rubber and plastic O-rings.[1]
- **Temperature Range** – From -40 to 400°F (-40 to 204°C).
- **Listings/Specifications** – FDA 21 CFR 175.300, NSF 51, NSF 61.
- **Container Sizes** – 

## Dow Corning® 5 Compound

- **Primary Use** – A dielectric compound used on insulators and bushings; as a lubricant for high-current switches.
- **Special Characteristics** – Nonconductive; water repellent; helps prevent formation of conductive paths; long lasting.
- **Physical Form** – Translucent light-gray, heavy-consistency, grease-like silicone paste.
- **Applications** – Protecting transmission insulators, distribution line insulators, power substation bushings, pole top disconnect switches, insulator threads and bolts, service entrance cable, meters.[1]
- **Temperature Range** – From -65 to 450°F (-54 to 232°C).
- **Container Sizes** – 

## Dow Corning® 7 Release Compound

- **Primary Use** – A release and parting agent for plastic and metal surfaces.
- **Special Characteristics** – Excellent release agent; high dielectric strength; good thermal stability; lowest consistency of Dow Corning silicone compounds.
- **Physical Form** – Light-consistency, translucent white, grease-like silicone paste.
- **Applications** – Mold break-in treatment for tire press bladders; release agent for adhesives, plastic extruders, foundry shell and core molds; lubricating plastics and elastomers; lubricating rubber-covered cable to be drawn through a conduit.[1]
- **Temperature Range** – From -40 to 400°F (-40 to 204°C).
- **Listings/Specifications** – FDA 21 CFR 175.300, NSF 51, NSF 61.
- **Container Sizes** – 

[1]Do not use with silicone elastomers; do not apply to surfaces to be painted; not recommended for use with highly oxidative chemicals (e.g., liquid chlorine, liquid oxygen); not recommended as a lubricant in metal bearings; use only with adequate ventilation.