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SS-4061

Product Description

SS-4061 is a heat curing silicone RTV developed for encapsulation and conformal coating applications. SS-4061 is a 1-part silicone that when heated to 150°C, cures in less than 30 minutes, forming a tough silicone rubber.

Product Features

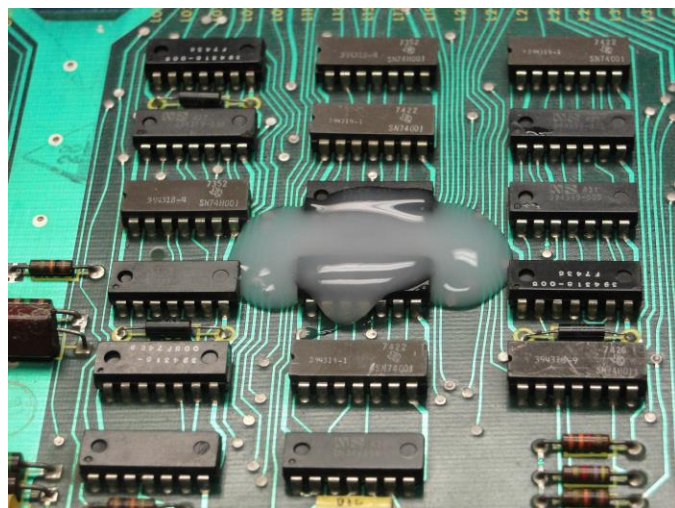
- Transparent encapsulant
- Excellent moldability and conformation to plastic, metal and glass parts
- Fluoresces under UV light for inspection

Typical Applications

- Electronic component vibration, shock and thermal insulation
- Dust and moisture protection
- Dielectric and insulation

Chemical Cure System

Platinum catalyzed, addition cure



Heat Cure Conformal Coating & Encapsulation Silicone

Typical Properties

Color	Clear
Viscosity, cps	900
Specific Gravity	0.90
Consistency	Self-leveling
Work Time @ RT	12 Months
Cured @ 150°C	<30 Minutes
Durometer	60 Shore 00
Tensile Strength	100 PSI
Elongation	200%

Handling Precautions

This is a platinum cure system product. The catalyst can be deactivated by exposure to sulfur containing compounds like thiols, sulfides, sulfates, organic rubber containing sulfur, nitrogen containing compounds like amines, amides, imides, azides, tin metals or compounds, or tin cured RTV's.

Solids

100% solids

Limitations

Allow to fully cure before putting assembly into service.

Packaging

SS-1000 is available in dual syringes, 40 lb pail kits and 400 lb drum kits. This product is also available in customer defined packaging sizes, upon request.

Handling and Safety

For maximum shelf life, keep containers sealed when not in use. Keep out of the reach of children. Uncured sealant irritates eyes and skin. Refer to the SDS.

Shelf Life

Sealed containers are guaranteed for 12 months from the ship date when stored in a cool dry area below 70°F.

Applicable Standards

Conforms to GM low volatility requirements.

Limited Warranty

All recommendations, statements and technical data herein are based on tests we believe to be reliable and correct, but accuracy and completeness of said tests are not guaranteed and are not to be construed as warranty, either expressed or applied. User shall rely on his/her own information and tests to determine suitability of the product for the intended use, and the user assumes all risk and liability resulting from the use of this product. Manufacturer's sole responsibility shall be to replace that portion of product that the manufacturer proves to be defective. Manufacturer shall not be liable to the buyer or any third party for injury, loss or damage directly or indirectly resulting from the use of, or inability to use, the product. Recommendations or statements other than those contained in a written agreement signed by an officer of the manufacturer shall not be binding by the manufacturer.

This product has not been tested for, and is therefore not recommended for, uses for which prolonged contact with mucous membranes, abraded skin, or blood is intended; or for uses which implantation within the human body is intended.

*******Customized versions available upon request*******