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SS-156

Product Description

SS-156 is a 1-part, heat cure silicone developed for conformal coating applications. SS-156 offers unprimed adhesion to metals and many plastics. Heated cures result in a tough and durable silicone conformal coating.

Product Features

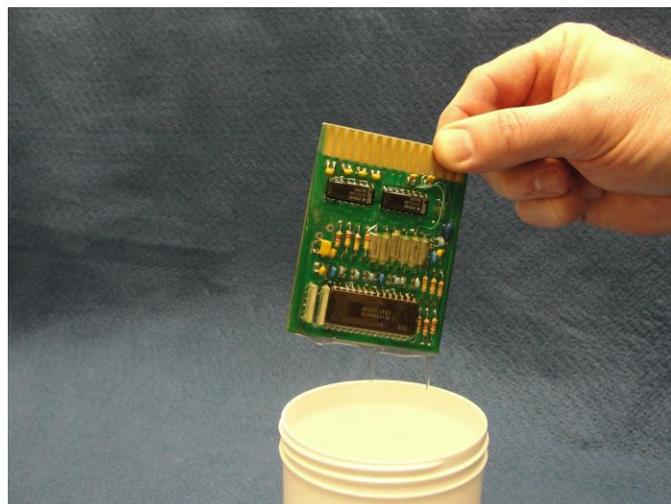
- Fast heat cure
- Fluoresces under UV light to enable coating inspection
- Excellent unprimed adhesion to metals and many plastics

Typical Applications

- Coating electronic assemblies
- Industrial coating and sealing
- Thin section potting & encapsulation

Chemical Cure System

Platinum catalyzed



Heat Cure Conformal Coating

Typical Properties

Color	Clear
Viscosity, cps	230
Specific Gravity	0.98
Consistency	Liquid
Tack Free Time @ 130°C	15 Minutes
Cure Time @ 130°C	20 Minutes
Dielectric Strength	13 KV/mm
Dielectric Constant	2.4
Dissipation Factor	0.01
Volume Resistivity	2.0×10^{14}
Thermal Conductivity	0.0005
Coefficient of Thermal Expansion	20×10^{-5}

Curing

Can be accelerated with heat to very rapid cures. Typical utilization involves dispensing in open air and oven, IR, or hot air curing.

Solids

100% solids

Adhesion

Excellent unprimed adhesion to plastic, metal and glass

Limitations

Do not use product on head gaskets, solvent or fuel immersion applications. Allow to fully cure before putting assembly into service. Ensure enough product remains between flanges to be effective in an assembly.

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

For maximum shelf life, this product must be kept frozen. Sealed containers are guaranteed for 12 months from the ship date when stored in a freezer.

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*******