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SS-3006SF

Product Description

SS-3006SF is a very fast curing, self-leveling adhesive silicone RTV. SS-3006SF is a 2-part RTV that when mixed, applied and cured, results in a silicone adhesive sealant rubber to be formed within 10 minutes. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. This product shrinks approximately 25% after full cure.

Product Features

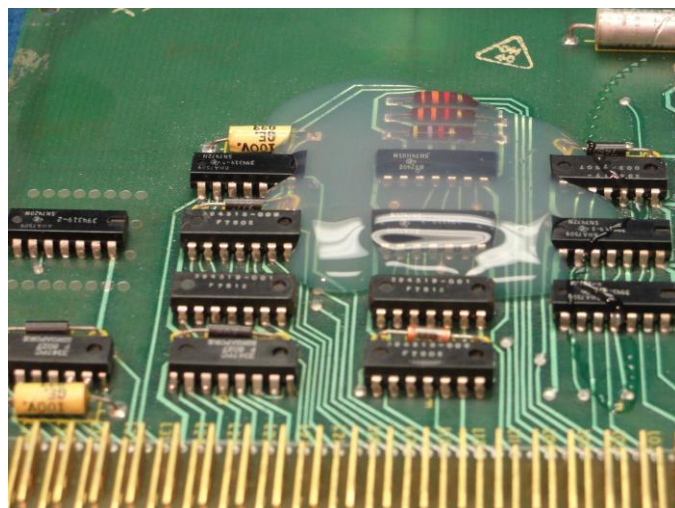
- Fast deep section, neutral cure
- Self-leveling liquid
- Excellent adhesion and conformation to plastic, metal and glass parts
- Self-priming adhesive sealant

Typical Applications

- Coatings applications
- Encapsulating adhesive
- Deep section cure adhesive

Chemical Cure System

Platinum catalyzed, addition cure



Self-Leveling Adhesive Sealant Silicone RTV

Typical Properties

Color	Translucent
Viscosity, cps	15,000-30,000
Specific Gravity	1.03
Consistency	Self-leveling liquid
Work Time @ RT	20 Minutes
Cured @ RT	1.5 Hours
Cured @ 150°C	10 Minutes
Durometer	30 Shore A
Tensile Strength	200 PSI
Elongation	250%
Dielectric Strength	20 KV/mm
Dielectric Constant	3.1
Dissipation Factor	0.01
Volume Resistivity	4 x 10 ¹⁵

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

99% solids

Depth of Cure vs Time

Very firm deep section cures are formed with heat in 15 minutes. Ultimate cured properties are found within 24 hours.

Limitations

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

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

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*******