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# SS-6004

## Product Description

SS-6004 is a 1-part silicone RTV developed for conformal coating applications. SS-6004 offers unprimed adhesion to many metals and plastics. SS-6004 combines high flexibility with a neutral oxime cure system to provide a durable silicone adhesive coating.

## Product Features

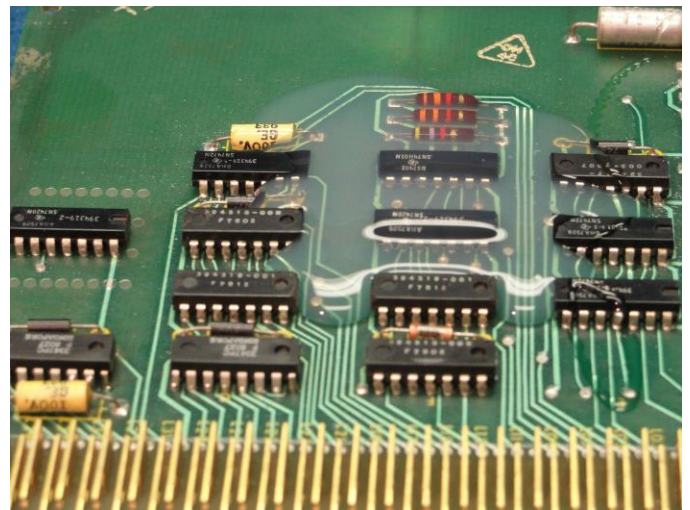
- Fast RT cure
- Self-leveling liquid RTV
- Adhesion to metals and many plastics

## Typical Applications

- Conformal coating of assemblies
- Industrial sealing
- Thin section potting & encapsulation

## Chemical Cure System

Oxime



# Self-Leveling Silicone RTV Conformal Coating

## Typical Properties

Color	Translucent
Viscosity, cps	10,000
Specific Gravity	1.01
Consistency	Low Viscosity Fluid
Working Time @ RT	10 Minutes
Tack Free Time @ RT	20 Minutes
Cure Time	72 Hours @ RT
Durometer	15 Shore A
Tensile Strength	200 PSI
Elongation	300%
Dielectric Strength	20 KV/mm
Dielectric Constant	3.1
Dissipation Factor	0.01
Volume Resistivity	4 x 10 <sup>15</sup>

## **Curing**

Cure speed can be accelerated with increased humidity and heat to very rapid cure times. Typical utilization involves dispensing in open air and after exposure to ambient humidity, a room temperature cured rubber is formed.

## **Solids**

98% solids, contains no solvents

## **Limitations**

Do not use in a solvent or fuel immersion applications. Allow to fully cure before putting assembly into service.

## **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\*\*\*\*\*