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SS-6002S

Product Description

SS-6002S is a 1-part silicone RTV developed for conformal coating and seam filling applications. SS-6002S offers unprimed adhesion to many metals and plastics. When cured, SS-6002S results in a very flexible and durable silicone adhesive coating. The elastomer resists weathering, ozone, moisture, UV and high temperatures.

Product Features

- Very fast heat cure
- Self-leveling liquid RTV
- Adhesion to metals and many plastics

Typical Applications

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

Chemical Cure System

Oxime



Very Fast Heat Cure Self-Leveling Silicone RTV Adhesive Coating

Typical Properties

Color	Clear in thin films
Viscosity, cps	500
Specific Gravity	0.98
Consistency	Self-leveling liquid
Tack Free Time @ RT	60 Minutes
Tack Free Time @ 150°C	<30 Seconds
Cure Time	24 Hours @ RT
Durometer	25 Shore A
Tensile Strength	300 PSI
Elongation	300%
Peel Strength	40 PPI
Dielectric Strength	20 KV/mm
Dielectric Constant	3.1
Dissipation Factor	0.01
Volume Resistivity	4×10^{15}

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

50% solids in a non-VOC carrier.

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 6 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*****