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SS-3007

Product Description

SS-3007 is a fast curing silicone RTV adhesive rubber developed for bonding applications requiring fast development of physical properties. SS-3007 is a 2-part silicone that when applied to the substrate and cured, allows handling of the bonded assembly within minutes. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. SS-3007 works well in automatic dispensing equipment.

Product Features

- Fast RT cure
- Thixotropic paste
- Convenient 1:1 mix ratio

Typical Applications

- Component bonding
- Gasket fabrication

Chemical Cure System

Platinum catalyzed, addition cure



Fast Cure Silicone Rubber Adhesive

Typical Properties

Color	Black
Viscosity, cps	130,000
Specific Gravity	1.30
Consistency	Thixotropic paste
Work Time @ RT	6 Minutes
Tack free time @ RT	10 Minutes
Durometer	30 Shore A
Tensile Strength	300 PSI
Elongation	300%
Thermal conductivity	0.0005 W/m K
Coefficient of thermal expansion	20 x 10 ⁻⁵

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

In 30 minutes, any depth of application filled with this product will be cured and fully encapsulated. Full physicals are achieved after 24 hours.

Adhesion

This product offers primerless adhesion to plastics, metals and typical substrates.

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.

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*******