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SS-3008

Product Description

SS-3008 is a fast curing, thixotropic adhesive silicone RTV. SS-3008 is a 2-part RTV that when mixed, applied, and cured, results in a silicone adhesive sealant rubber, which is formed within 10 minutes. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures.

Product Features

- Fast deep section, neutral cure
- Excellent adhesion and conformation to plastic, metal and glass parts
- Convenient 1:1 mix ratio

Typical Applications

- Large bonding applications
- Fixturing adhesive

Chemical Cure System

Platinum catalyzed, addition cure

Thixotropic Adhesive Sealant Silicone RTV

Typical Properties

Color	Translucent
Viscosity, cps	100,000-200,000
Specific Gravity	1.09
Consistency	Thixotropic paste
Work Time @ RT	120 Minutes
Cure Time @ 150°C	10 Minutes
Durometer	40 Shore A
Tensile Strength	750 PSI
Elongation	650%
Tear Strength	100 PPI
Peel Strength	100 PPI
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 in 24 hours.

Adhesion

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

Limitations

Do not use product on automotive head gaskets 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

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*****