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SS-3148

Product Description

SS-3148 is a selective adhesion, neutral curing silicone RTV adhesive rubber developed for applications requiring fast development of physical properties. SS-3148 is a 1-part silicone that when applied to aluminum and other metals in an assembly, allows adhesion only to the aluminum and allows release from other substrates. SS-3148 works well in manual and automatic dispensing equipment.

Product Features

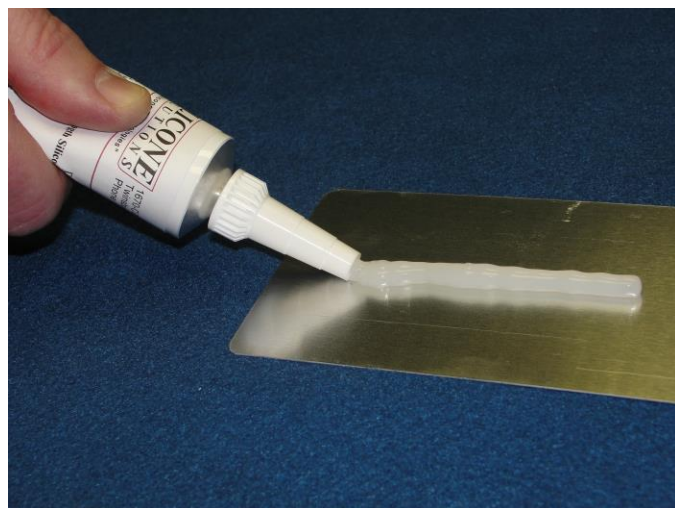
- Fast RT cure
- Excellent unprimed adhesion to aluminum, release from others
- Thixotropic paste
- Non-corrosive neutral cure

Typical Applications

- Adhesive Sealant
- Assembly line adhesive
- Component assembly

Chemical Cure System

Oxime



Selective Adhesion Silicone RTV Adhesive

Typical Properties

Color	Translucent
Viscosity, cps	500,000
Specific Gravity	1.12
Consistency	Thixotropic Paste
Working Time @ RT	8 Minutes
Tack Free Time @ RT	15 Minutes
Application Rate, 90 PSI g/min	300
Cure Time	72 Hours @ RT
Durometer	50 Shore A
Tensile Strength	900 PSI
Elongation	800%
Peel Strength	100 PPI
Tear Strength	200 PLI
Dielectric Strength	790 V/mm
Dielectric Constant	2.6
Dissipation Factor	0.0009
Volume Resistivity	1.8×10^{15}
Brittle Point	-45°C
Continuous Operating Temperature Max	260°C
Intermittent Operating Temperature Max	315°C
Thermal Conductivity	0.17
Coefficient of Expansion	7.8×10^{-4}

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

Adhesion

Primerless adhesion to aluminum.

Limitations

Do not use product on head gaskets, solvent 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*****