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SS-690

Product Description

SS-690 is a fast cure silicone RTV developed for coating applications. SS-690 is a 1-part silicone that resists weathering, moisture, UV and temperatures up to 330°C. SS-690 will bond to ceramic, metals and composites to form a high temperature coating that can be utilized within 24 hours of application. SS-690 works well in manual and automatic dispensing equipment.

Product Features

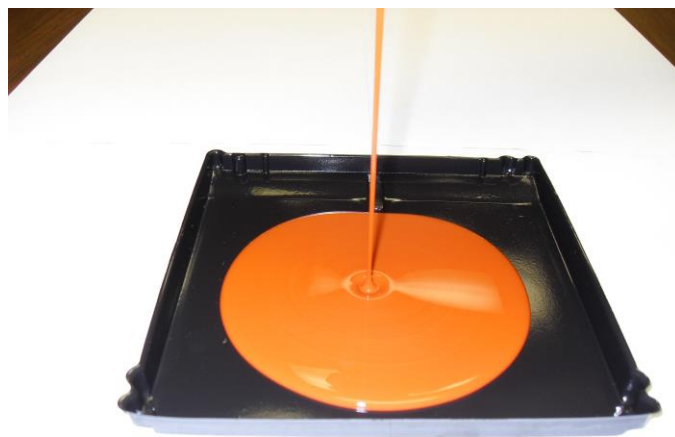
- Fast RT cure
- Excellent adhesion to metal, ceramic and composite substrates
- Temperature range of -40 - 330°C
- Very fast onset of adhesion
- Tough, durable coating

Typical Applications

- Flue gas handling and ducting
- Smokestacks
- Protecting ceramic and metal stacks from corrosion and premature wear

Chemical Cure System

Acetoxy



High Temperature Coating

Typical Properties

Color	Red
Viscosity, cps	2,000
Specific Gravity	0.90
Consistency	Liquid
Working Time @ RT	20 Minutes
Tack Free Time @ RT	120 Minutes
Application Rate, 90 PSI g/min	500
Cure Time	72 Hours @ RT
Durometer	36 Shore A
Tensile Strength	800 PSI
Elongation	650%
Peel Strength	40 PPI

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, contains no VOC solvents

Adhesion

Excellent unprimed adhesion to plastic, metal and glass

Service Temperature

-40 to 330°C

Limitations

Do not use product on wet substrates. Dry-out with a drier-primer prior to application. 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

Solids may separate during shipping, stirring will re-suspend solids. 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*******