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## SS-5699

### Product Description

SS-5699 is a silicone RTV adhesive rubber developed for applications requiring fast development of physical properties and fast unprimed adhesion. SS-5699 is a 1-part silicone that allows handling of the bonded assembly within one hour of application to the substrate. When cured, the elastomer resists typical automotive fluids and high temperatures. SS-5699 works well in manual and automatic dispensing equipment.

### Product Features

- Excellent unprimed adhesion to plastic, metal and glass
- Thixotropic, heavy bodied paste
- Fast onset of adhesion
- Fast RT cure

### Typical Applications

- Form in place gaskets
- Automotive assembly and MRO
- Adhesive sealant

### Chemical Cure System

Oxime



## Automotive Silicone RTV Gasket Maker for Import Applications

### Typical Properties

Color	Gray
Viscosity, cps	500,000
Specific Gravity	1.45
Consistency	Thixotropic Paste
Working Time @ RT	5 Minutes
Tack Free Time @ RT	15 Minutes
Application Rate, 90 PSI g/min	220-550
Cure Time	24 Hours @ RT
Durometer	45 Shore A
Tensile Strength	>400 PSI
Elongation	200%
Peel Strength	40 PPI
Tear Strength	35 PLI

### 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**

**Excellent unprimed adhesion to plastic, metal and glass**

## **Service Temperature**

**-45 to 260°C**

## **Limitations**

**Do not use product on 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.**

## **Applicable standards and OEM part number Interchange**

- **Acura – 08718550030E**
- **Chrysler – 82300234, 82300235**
- **Daewoo – AA 1204020**
- **Ford – WSE-M4G-323-A5**
- **GM – 12346240, 9985943**
- **Honda – 296380, 296381, 08718-001, HC2963817, 08718-5000040E, 08718-0003**
- **Hyundai – 231-13800, 4C116-21000**
- **Isuzu – 1215, 1216, 1207D**
- **Maxion – 0710129**
- **Mazda – 77-300C-30**
- **Mitsubishi – MD997740, MD997110, MD970389, 3M8704, ACH1ZC1X02, ACH1ZC1X03, 3M8678, 3M8679, 3M8672**
- **Nissan – 999MPAM003, 999MPA7007, KPS51000150**
- **Subaru – 004403007, TB1215, TB1207, TB1217B, 3MT3#08670**
- **Suzuki – 99104-31140, 99104-31160**
- **Toyota – 00001-01001, 00001-01002, 00295-00102, 00295-01208, 00295-01282, 00295-01281, 004403007, TB-1215, TB1217B, TB1207, 3MT3#08670**

## **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\*\*\*\*\***