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SS-598

Product Description

SS-598 is a fast curing, heavy bodied silicone RTV adhesive rubber. This product was developed for applications requiring fast development of physical properties and fast unprimed adhesion. SS-598 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-598 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
- High temperature resistance

Typical Applications

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

Chemical Cure System

Oxime



Heavy Bodied Automotive Silicone RTV Gasket Maker

Typical Properties

Color	Black
Viscosity, cps	700,000
Specific Gravity	1.32
Consistency	Thixotropic Paste
Working Time @ RT	5 Minutes
Tack Free Time @ RT	10 Minutes
Application Rate, 90 PSI g/min	200
Cure Time	24 Hours @ RT
Durometer	32 Shore A
Tensile Strength	>250 PSI
Elongation	>350%
Peel Strength	30 PPI
Tear Strength	30 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.

Packaging

SS-598 is available in 10.3 oz cartridges, 50 lb pails and 500 lb drums. This product is also available in customer defined packaging sizes upon request.

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

- **Chrysler – 4206070, 4318025**
- **Ford – D6AZ-19562-B, E8AZ-19562-A, WSE-M46320-A2**
- **GM – 9985675, 1052751, 1052917, 12345739**

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*******