

# **SILICONE SOLUTIONS**

1670-C Enterprise Parkway  
Twinsburg, Ohio 44087

Phone (330) 405-4595

Fax (330) 405-4596

## **SS-232**

### **Product Description**

SS-232 is a heat curing, high strength silicone adhesive rubber developed for applications requiring a clear, tough rubber product. SS-232 is a 2-Part silicone that when cured, allows handling of the parts within minutes. SS-232 works well in manual and automatic dispensing equipment.

### **Product Features**

- ◆ Convenient 1:1 mix ratio
- ◆ Pourable
- ◆ Temperature range -40 to 260C

### **Typical Applications**

- ◆ Silicone rubber parts
- ◆ Bonding glass parts

### **Packaging**

SS-232 is available in 400 ml dual syringes, 40 lb. pail kits and 400 lb. drum kits. This product is also available in customer defined packaging sizes, upon request.

## **Heat Cure Silicone Rubber**

### **Typical Properties**

#### **UNCURED**

<b>Color</b>	<b>Translucent</b>
<b>Viscosity, cps</b>	<b>90,000</b>
<b>Specific Gravity</b>	<b>1.08</b>
<b>Consistency :</b>	<b>thick liquid</b>
<b>Cure time @ 100C:</b>	<b>20 minutes</b>

#### **CURED -**

<b>Cured -</b>	
<b>Tensile Strength, PSI</b>	<b>500</b>
<b>Elongation, %</b>	<b>500</b>
<b>Durometer, Shore A</b>	<b>30</b>
<b>Tear Strength, PPI</b>	<b>100</b>
<b>Coefficient of Thermal Expansion</b>	<b>20 x 10<sup>-5</sup></b>

### **Handling precautions**

The cure system can be deactivated by certain contaminants. Avoid contact with compounds containing: tin, azides, imides, sulfur, and amines. These compounds include: latex rubber gloves, any organic rubber gaskets or seals, ammonia based cleaning agents, tin cured RTV's, basic materials, water or very humid environments.

### **Electronics Compatibility**

SS-232 is an addition cure product that does not have any corrosive by-products found in condensation cure products. SS-232 is safe for use with all electronic components.

## **Storage**

**Part A & B must be kept dry and away from moisture**

## **Chemical Cure System**

**Addition Cure System**

## **Solids**

**100% solids**

## **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 or parts to be bonded 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. Contact with uncured sealant in some individuals may irritate eyes and skin. Refer to MSDS.**

## **Shelf-life**

**Sealed containers are guaranteed for 1 year 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 implied. User shall rely on his 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 of 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 \*\***

