

## SS-5293-3000

## **Product Description**

SS-5293-3000 is a UV dual cure neutral silicone RTV adhesive rubber developed for UV applications. SS-5293-3000 is a 1-part silicone that when applied to the substrate allows handling of the bonded assembly within seconds. When cured, the elastomer resists weathering, ozone, moisture, UV and high temperatures. SS-5293-3000 works well in manual and automatic dispensing equipment.

## **Product Features**

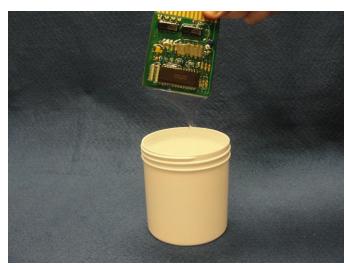
- Convenient UV accelerated cure
- Excellent unprimed adhesion
- Secondary moisture cure for shadow areas

## **Typical Applications**

- Form in place gaskets
- Assembly line adhesive
- Adhesive sealant

## **Chemical Cure System**

UV acrylic with a secondary oxime



# **UV Dual Cure Silicone Adhesive Sealant**

## **Typical Properties**

Color Clear Viscosity, cps 3,000 **Specific Gravity** 1.00 Consistency Liquid Cure Time 72 Hours @ RT **Durometer 30-60 Shore 00** 100 PSI **Tensile Strength** 5.0 x 10<sup>14</sup> Ohms-cm **Volume Resistivity** 500 V/mil **Dialectric Strength** 

## **UV Accelerated Curing**

A short term UV exposure, followed by a secondary moisture cure, results in cured elastomer conditions exhibiting outstanding adhesion.

#### **Solids**

98% solids

#### Adhesion

Excellent unprimed adhesion to plastic, metal and glass

## **Service Temperature**

-45 - 250C

#### 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 freezer.

### **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 indrectly 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\*\*\*\*