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# SS-101

## Product Description

SS-101 is a fast curing rubber coating developed for shock dampening and vibration isolation applications. SS-101 is a 1-part silicone that when cured, allows handling of the parts within hours. SS-101 works well in manual and automatic dispensing equipment.

## Product Features

- Room temperature cure silicone rubber
- Dipable liquid

## Typical Applications

- Vibration isolation
- Severe impact cushioning
- Dampening of severe shock

## Chemical Cure System

Acetoxy



# Vibration and Shock Dampening Rubber Coating

## Typical Properties

Color	Translucent
Viscosity, cps	1,000
Specific Gravity	1.05
Consistency	Thick liquid
Working Time @ RT	15 Minutes
Cure Time @ RT	<8 Hours
Cure Time	72 Hours @ RT
Tensile Strength	500 PSI
Elongation	300%
Tear Strength	50 PPI
Coefficient of Thermal Expansion	20 x 10 <sup>-5</sup>

## 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.

## **Adhesion**

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

## **Service Temperature**

**-45 to 260°C**

## **Limitations**

**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**

**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\*\*\*\*\***