

## **US-SCC-24003W (RTV112 and DC734 offset equivalent)** **Self-Leveling White Silicone RTV Adhesive Coating** **Conforms to MIL-A-46106B Type II Group I**

**US-SCC-24003** is a 1-part white silicone RTV developed for coating applications. Offers unprimed adhesion to many metals and plastics. When cured, it results in a very durable silicone adhesive coating. The elastomer resists weathering, ozone, moisture, UV and high temperature.

### **Product Features**

- Fast Room Temperature cure
- Self-leveling liquid RTV
- Neutral cure
- Adhesion to metals and many plastics
- Temperature range -45 to 260C

**Color:** White

### **Typical Applications**

- Coating assemblies
- Industrial sealing
- Thin section potting & encapsulation

### **Typical Properties**

#### **Uncured**

Viscosity, cps: 20,000-35,000  
Specific Gravity: 1.03  
Consistency: self leveling liquid  
Working time, minutes at Room Temperature: 8  
Tack Free Time, minutes at Room Temperature: 15

#### **Cured – 72 Hours at Room Temperature**

Tensile Strength, PSI: 325  
Elongation, %: 325  
Peel Strength, PPI: 40  
Durometer, Shore A: 25

**Method of Application:** Dip or dispense coating onto assembly, allow to cure.

**Chemical cure system:** Acetoxy cure system

**Curing:** Cure speed can be accelerated with increased humidity to very rapid cures exhibiting surprisingly fast adhesion. Typical utilization involves dispensing in open air and ambient humidity to result in a durable adhesive rubber coating.

**Packaging:** Available in 2.8 & 5.5oz squeeze tubes, 6.25oz sem kit cartridges, 10.3 oz. cartridges, 8 lb. containers, 40 lb. pails and 440 lb. drums. This product is also available in customer defined packaging sizes, upon request.

**Solids:** 98% solids, contains no solvents

**Adhesion:** Primerless adhesion to most plastics, metals and typical substrates.

**Service temperature:** -65°C to 250°C

**Limitations:** Do not use product in a fuel or solvent immersion application. 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 MSDS.

**Shelf-life:** Sealed containers guaranteed for 1 year from the ship date when stored in a cool dry area below 70°F.