

# 5380

SLT00035

REC'D MAR 23 1999

## Material Safety Data Sheet **SILICONE GENERAL PURPOSE SEALANT**

Complies with OSHA's Hazard Communication Standard CFR 1910.1200

### I. Chemical Product and Company Identification

#### Material Identity

HMIS: H: 1 / F: 0 / R: 1 / P: 0

**Product Code and Name:** Silicone General Purpose Sealant (RTV)

**Product Class:** Silicone

**Manufacturer:** Macklanburg-Duncan  
4041 North Santa Fe  
Oklahoma City, OK 73118  
1(800)654-8454

**24 Hour Emergency:** Chemtrec 1(800)424-9300

**Date Prepared:** January, 98

**Replaces:** September 15, 1997

### II. Composition/Information on Hazardous Ingredients

<u>Component</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>	<u>%</u>	<u>CAS Number</u>
Polysiloxane	NE	NE	85	63148-62-9 / 70131-67-8
ethyltriacetoxysilane	10 ppm	NE	2	17689-77-9
methyltriacetoxysilane	10 ppm	10 ppm	2	004253343
silica, amorphous	10 mg/m <sup>3</sup>	6 mg/m <sup>3</sup>	11	007631869

### III. Physical Data

**Vapor Density (air = 1):** Not determined

**Boiling Point:** NA

**Specific Gravity:** 1.0

**Solubility in Water:** insoluble

**Vapor Pressure:** Not determined

**Evaporation Rate (butyl acetate =1):** Slower than

**Appearance and odor:** vinegar odor, clear or pigmented semi-solid

**% Solids:** 94%

**V.O.C.:** Not determined

### IV. Fire and Explosion Hazards

**Flash Point (Method Used):** Greater than 400°F for uncured product. Does not flash when cured.

**Flammable Limits:** LEL: 5.4 UEL: 16  
(acetic acid by-product)

**Flammability Classification:** OSHA: None

DOT: None

**Extinguishing Media:** Carbon dioxide, foam, dry chemical

**Special Fire Fighting Procedures:** Self-contained breathing gear in positive pressure mode and full protective gear should be worn.

**Unusual Fire and Explosion Hazards:** Irritating or toxic gases and aerosols may be produced during burning. Acetic acid is formed during cure process.

### V. Reactivity Data

**Stability:** Stable

**Conditions to Avoid:** Water, heat, sparks, flame (acetic acid may ignite), acids, alkali

**Incompatibility (Materials to Avoid):** Water, strong alkali

5380

**Material Safety Data Sheet**  
***SILICONE GENERAL PURPOSE SEALANT***

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, silicon dioxide, acetic acid

**Hazardous Polymerization:** None

**VI. Health Hazard Data**

**Threshold Limit Value:** See Section II

**Effects of Exposure:** None known

**Emergency and First Aid Procedures:** Keep out of eyes. Flush with water for 10-15 minutes. If irritation continues, consult a physician. May cause slight irritation of the skin; wash with soap and water. Avoid inhaling high concentrations of vapors. **Do not induce vomiting if swallowed.** Consult a physician.

**VII. Precautions for Safe Handling and Use**

**Steps to be taken in case material is spilled or released:** Scoop into container and allow to dry.

**Waste disposal method:** Dispose of material in accordance with local and federal regulations.

**Handling and Storage Precautions:** Do not store near heat sources, sparks, or flame. Store between 40°F and 120°F.

**Transportation Data:** No special precautions.

**Other Precautions:** Do not ingest. **KEEP OUT OF REACH OF CHILDREN.**

**VIII. Control Measures**

**Respiratory Protection:** Use only in areas of adequate ventilation. Wear NIOSH approved respirator if TLV of acetic acid (10 ppm, 25 mg/m<sup>3</sup>) is exceeded.

**Ventilation:** Local

**Protective Gloves:** Cloth gloves recommended

**Eye Protection:** Normal precaution

**Hygienic Practices:** Wash skin and hands after use.

Disclaimer: This Safety Data Sheet was prepared to protect against any reasonable exposure to consumers or employees arising out of the intended use of the product and to provide them with information regarding potential hazards contained in the product. Under varied circumstances the hazardous ingredients may pose a lesser or greater hazard. Because of the scientific data contained in these sheets was obtained from tests performed by agencies other than Macklanburg-Duncan Company, the company cannot guarantee its accuracy. Macklanburg-Duncan Company makes no warranty of any kind, expressed or implied. The user must assume all risk and liability resulting from reliance on the information contained on this Material Safety Data Sheet and the use of this product, whether used in combination with other products or singly.