

## SILICONE SEALANT

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Brand Name:** Silicone Sealant

**CRL Catalog Numbers :** 33SAL, 33SAL52GL, 33SAL5GL, 33SBL, 33SBL52GL, 33SBL5GL, 33SBRZ, 33SBRZ52GL, 33SBRZ5GL, 33SC, 33SC52GL, 33SC5GL, 33SMRC, 33SMRC52GL, 33SMRC5GL, 33ST, 33ST48GL, 33ST52GL, 33ST5GL, 33STW, 33STW52GL, 33STW5GL, 33SW, 33SW52GL, 33SW5GL, 33SXX

**Recommended Use:** Sealant - Other

**Uses advised against:** No information available

**Company Contact Information**

**Emergency Telephone Number**

C.R. Laurence Co., Inc.  
PO Box 58923  
Los Angeles, CA 90058  
Telephone: 800-421-6144

CHEMTREC: 1-800-424-9300 (24 hours) or 1-703-527-3887

### 2. HAZARDS IDENTIFICATION

**GHS Classification**

**Classification:** GHS classification in accordance with 29 CFR 1910.1200: Not a hazardous substance or mixture.

**Appearance:** Varies

**Physical State:** Paste Liquid

**Odor:** Acetic

**Precautionary Statements - Prevention**

Use only outdoors or in a well-ventilated area.

**Hazards not otherwise classified (HNOC)**

Not applicable

**Unknown Toxicity**

64.4% of the mixture consists of ingredient(s) of unknown toxicity

**Other information**

No information available

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance:** Mixture

**Chemical Nature:** Silicone

## SILICONE SEALANT

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
64742-46-7	20.0 - 22.0	Distillates (petroleum), hydrotreated middle

### 4. FIRST AID MEASURES

**General Advice:** If potential for exposure exists refer to Section 8 for specific personal protective equipment.

**Eye Contact**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

**Skin Contact**

Wash off with plenty of water.

**Inhalation**

Move person to fresh air; if effects occur, consult a physician.

**Ingestion**

No emergency medical treatment necessary.

**Most important symptoms and effects, both acute and delayed**

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

**Notes to Physician**

No specific antidote. Treatment of exposure should be directed at the control of symptoms and clinical condition of the patient.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**

Water spray, Alcohol-resistant foam, Carbon dioxide (CO<sub>2</sub>), Dry chemical.

**Unsuitable extinguishing media**

None Known

**Specific Hazards Arising from the Chemical**

Carbon oxides; Silicon oxides.

## SILICONE SEALANT

### **Unusual Fire and Explosion Hazards:**

Exposure to combustion products may be a hazard to health.

### **Fire Fighting Procedures:**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment. Use water spray to cool unopened containers. Remove undamaged containers from fire area if it is safe to do so. Evacuate area.

### **Protective equipment and precautions for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary. Use personal protective equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### **Personal Precautions**

Follow safe handling advice and personal protective equipment recommendations.

#### **Environmental Precautions**

Refer to protective measures listed in Sections 7 and 8.

#### **Methods and materials for containment and cleaning up:**

Wipe or scrape up and contain for disposal. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. For large spills, keep material from spreading.  
See sections: 7, 8, 11, 12 and 13.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### **Handling**

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. Use only with adequate ventilation.

### Conditions for safe storage, including any incompatibilities

#### **Storage**

Keep in properly labelled containers. Store in accordance with the particular national regulations.

#### **Incompatible Products**

Strong oxidizing agents.

## SILICONE SEALANT

**Unsuitable Materials for Containers:**  
None known.

### 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

**Exposure Guidelines**

Chemical Name	Regulation	Type of Listing	Value/Notation
Distillates (petroleum), hydrotreated middle	OSHA Z-1	TWA:	2,000 mg/m <sup>3</sup>
		TWA Mist:	5 mg/m <sup>3</sup>

**Other Exposure Guidelines**

**Engineering controls**

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations.

**Individual protection measures, such as personal protective equipment**

**Eye/Face Protection**

Use safety glasses (with side shields).

**Skin and Body Protection**

Use gloves chemically resistant to this material when prolonged or repeated contact could occur.

**Respiratory Protection**

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if discomfort is experienced, use an approved air-purifying respirator.

The following should be effective types of air-purifying respirators: Organic vapor cartridge.

**Other protection**

Wear clean, body-covering clothing.

## SILICONE SEALANT

### 9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste  
Color: Varies  
Odor: Acetic  
Odor Threshold: No data available

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	Not application	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	Not classified as a flammability hazard	
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Relative Density	0.98	None known
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	Not Applicable	None known
Dynamic viscosity	Not Applicable	None known
Explosive properties	Not Explosive	
Oxidizing Properties	The substance or mixture is not classified as oxidizing.	

#### Other Information

Softening Point	No data available
VOC Content (g/L)	<30, less water and exempt solvents
Particle Size	No data available
Particle Size Distribution	No data available

### 10. STABILITY AND REACTIVITY

#### Reactivity

Not classified as a reactivity hazard.

# SILICONE SEALANT

**Chemical stability**

Stable under normal conditions.

**Possibility of Hazardous Reactions**

Can react with strong oxidizing agents

**Conditions to avoid**

None known

**Incompatible materials**

Strong oxidizing agents.

**Hazardous Decomposition Products**

Formaldehyde

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

**Product Information**

**Inhalation:**

Brief exposure (minutes) is not likely to cause adverse effects. As product, the LC50 has not been determined.

**Eye Contact:**

May cause slight temporary eye irritation. May cause mild eye discomfort. Corneal injury is unlikely.

**Skin Contact:**

Prolonged skin contact is unlikely to result in absorption of harmful amounts. Prolonged contact may cause skin irritation with local redness. As product, the dermal LD50 has not been determined.

**Ingestion:**

Acute oral toxicity very low if swallowed. Harmful effects not anticipated from swallowing small amounts. As product, Single dose oral LD50 has not been determined.

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Distillates (petroleum), hydrotreated middle	> 5,000 mg/kg (rat)	> 2000 mg/kg (rabbit)	> 5.2 mg/l (rat)

## SILICONE SEALANT

### Information on toxicological effects

#### **Symptoms:**

Erythema (skin redness). May cause redness and tearing of the eyes. Difficulty in breathing. Coughing and/ or wheezing. Asthma-like and/ or skin allergy-like symptoms.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

#### **Sensitization:**

For skin sensitization: Contains component(s) which did not cause allergic skin sensitization in guinea pigs.

For respiratory sensitization: No relevant information found.

#### **Mutagenic Effects:**

For this family of materials: In vitro genetic toxicity studies were negative. Animal genetic toxicity studies were negative.

#### **Carcinogenicity:**

Studies did not show that this family of materials could cause cancer in long-term animal studies, which used routes of exposure considered relevant to industrial handling.

#### **Teratogenicity**

For this family of materials: Did not cause birth defects or any other fetal effects in laboratory animals.

#### **Reproductive Toxicity**

Contains component(s) which did not interfere with reproduction in animal studies. Contains component(s) which did not interfere with fertility in animal studies.

#### **STOT - single exposure**

Evaluation of available data suggests that this material is not an STOT-SE toxicant.

#### **STOT - repeated exposure**

Evaluation of available data suggests that this material is not an STOT-RE toxicant.

#### **Aspiration Hazard**

Based on physical properties, not likely to be an aspiration hazard.

### Numerical measures of toxicity

#### **Distillates (petroleum), hydrotreated middle**

#### **Acute inhalation toxicity**

LC50, Rat, 4 Hour, dust/mist, > 5.2 mg/L

## SILICONE SEALANT

### 12. ECOLOGICAL CONSIDERATIONS

**Ecotoxicity**

The environmental impact of this product has not been fully investigated.

**Persistence and Degradability**

No information available.

**Bioaccumulation**

No information available.

**Other adverse effects**

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

**Disposal methods**

Do not dump into any sewers, on the ground, or into any body of water. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator.

**Contaminated Packaging**

Dispose of contents/containers in accordance with local regulations.

### 14. TRANSPORT INFORMATION

**DOT** NOT REGULATED

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated

**IMDG/IMO** Not regulated

**RID** Not regulated



## SILICONE SEALANT

**ADR** Not regulated

**ADN** Not regulated

### 15. REGULATORY INFORMATION

#### US Federal Regulations

**SARA 313**

No SARA Hazards

**Superfund Amendments and Reauthorization Act of 1986 Title III (Emergency Planning and Community Right-to-Know Act of 1986) Section 313:**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazard Categories**

Acute Health Hazard:	No
Chronic Health Hazard:	No
Fire Hazard:	No
Sudden release of pressure hazard:	No
Reactive Hazard:	No

**CERCLA**

Section 103

Calculated RQ exceeds reasonably attainable upper limit.

<b>Components:</b>	<b>CASRN</b>	<b>RQ (RCRA Code)</b>
Acetic acid	64-19-7	5000 lbs RQ
Acetic anhydride	108-24-7	5000 lbs RQ

**United States TSCA Inventory (TSCA)**

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### US State Regulations

**California Proposition 65**

This product contains a chemical that is at or below California Propositions 65's "safe harbor level" as determined via a risk assessment. Therefore, the chemical is not required to be listed as a Prop 65 chemical on the SDS or label.

#### U.S. State Right-to-Know Regulations

**Pennsylvania Right To Know:**

The following chemicals are listed because of the additional requirements of Pennsylvania law:

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<b>Components</b>	<b>CASRN</b>
Polydimethylsiloxane hydroxy-terminated	70131-67-8
Distillates (petroleum), hydrotreated middle	64742-46-7
Silicon dioxide	7631-86-9
Siloxanes and silicones, dimethyl	63148-62-9

### International Regulations

**Mexico**

No information available

**Canada**

No information available

## 16. OTHER INFORMATION

**NFPA**

Health Hazards:	0
Flammability:	1
Instability:	0
Physical/Chemical Haz.	-

**HMIS**

Health Hazards:	0
Flammability:	1
Physical Hazard:	0
Personal Protection:	X

Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.