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, 33XX

**Recommended Use:** Sealant - Other

**Uses advised against:** No information available

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

**Emergency Telephone Number**
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

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SILICONE SEALANT

<table>
<thead>
<tr>
<th>CAS Number</th>
<th>Wt %</th>
<th>Component Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-46-7</td>
<td>20.0 - 22.0</td>
<td>Distillates (petroleum), hydrotreated middle</td>
</tr>
</tbody>
</table>

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 (CO2), 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.
Unsuitable Materials for Containers:
None known.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Regulation</th>
<th>Type of Listing</th>
<th>Value/Notation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>OSHA Z-1</td>
<td>TWA:</td>
<td>2,000 mg/m³</td>
</tr>
<tr>
<td></td>
<td></td>
<td>TWA Mist:</td>
<td>5 mg/m³</td>
</tr>
</tbody>
</table>

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.
9. PHYSICAL & CHEMICAL PROPERTIES

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

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

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

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Oral LD50</th>
<th>Dermal LD50</th>
<th>Inhalation LC50</th>
</tr>
</thead>
<tbody>
<tr>
<td>Distillates (petroleum), hydrotreated middle</td>
<td>&gt; 5,000 mg/kg (rat)</td>
<td>&gt; 2000 mg/kg (rabbit)</td>
<td>&gt; 5.2 mg/l (rat)</td>
</tr>
</tbody>
</table>
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
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.
Components: CASRN  RQ (RCRA Code)
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:
SILICONE SEALANT

Components | CASRN
---|---
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.