SECTION 1: Identification

1.1. Identification
Product name: Sakrete Concrete Glue
Product code: Not available

1.2. Recommended use and restrictions on use
Use of the substance/mixture: Adhesive.

1.3. Supplier
Sakrete of North America
625 Griffith Rd., Ste 100
Charlotte, NC 28217
T 866-725-7383

1.4. Emergency telephone number
Emergency number: For Hazardous Materials [or Dangerous Goods] Incident Spill, Leak, Fire, Exposure, or Accident Call CHEMTREC Day or Night 1-800-424-9300 [USA] / +1 703-527-3887 [CAN]

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS-US classification
Not classified

2.2. GHS Label elements, including precautionary statements
GHS-US labeling
No labeling applicable

2.3. Other hazards which do not result in classification
No additional information available

2.4. Unknown acute toxicity (GHS US)
Not applicable

SECTION 3: Composition/Information on ingredients

3.1. Substances
Not applicable

3.2. Mixtures

<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formaldehyde</td>
<td>(CAS-No.) 50-00-0</td>
<td>&lt;0.01</td>
</tr>
</tbody>
</table>

*Chemical name, CAS number and/or exact concentration have been withheld as a trade secret

SECTION 4: First-aid measures

4.1. Description of first aid measures
First-aid measures after inhalation: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
First-aid measures after skin contact: If skin irritation occurs: Wash skin with plenty of water. Obtain medical attention if irritation persists.
First-aid measures after eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
First-aid measures after ingestion: Do not induce vomiting without medical advice. Never give anything by mouth to an unconscious person. Get medical advice/attention if you feel unwell.

4.2. Most important symptoms and effects (acute and delayed)
Symptoms/effects after inhalation: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Sakrete Concrete Glue  
Safety Data Sheet  

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.3</td>
<td>Immediate medical attention and special treatment, if necessary</td>
<td>Symptoms may be delayed. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).</td>
</tr>
<tr>
<td>5</td>
<td>Fire-fighting measures</td>
<td></td>
</tr>
</tbody>
</table>
| 5.1 | Suitable (and unsuitable) extinguishing media | Suitable extinguishing media: Powder. Water fog. Foam. carbon dioxide (CO2).  
Unsuitable extinguishing media: None known. |
| 5.2 | Specific hazards arising from the chemical | Fire hazard: Products of combustion may include, and are not limited to: oxides of carbon.  
Reactivity: No dangerous reactions known under normal conditions of use. |
| 5.3 | Special protective equipment and precautions for fire-fighters | Protection during firefighting: Keep upwind of fire. Wear full fire fighting turn-out gear (full Bunker gear) and respiratory protection (SCBA). |
| 6 | Accidental release measures |  
| 6.1 | Personal precautions, protective equipment and emergency procedures | General measures: Use personal protection recommended in Section 8. Isolate the hazard area and deny entry to unnecessary and unprotected personnel.  
6.1.1. For non-emergency personnel | No additional information available |
| 6.1.2. For emergency responders | No additional information available |
| 6.2 | Environmental precautions | Prevent entry to sewers and public waters. |
| 6.3 | Methods and material for containment and cleaning up | For containment: Absorb and/or contain spill with inert material (sand, vermiculite or other appropriate material), then place in suitable container. Do not flush into surface water or sewer system. Wear recommended personal protective equipment.  
Methods for cleaning up: Sweep or shovel spills into appropriate container for disposal. |
| 6.4 | Reference to other sections | For further information refer to section 8: "Exposure controls/personal protection" |
| 7 | Handling and storage |  
| 7.1 | Precautions for safe handling | Precautions for safe handling: Avoid contact with skin and eyes. Avoid breathing dust/fume/gas/mist/vapors/spray. Do not swallow. Handle and open container with care. When using do not eat, drink or smoke. Formaldehyde is subject to the standard 29 CFR 1910.1048 which may contain specific requirements for handling including protective equipment, regulated areas, monitoring and medical surveillance. The employer should review the standard and assure compliance with applicable requirements.  
Hygiene measures: Wash contaminated clothing before reuse. Always wash hands after handling the product. |
| 7.2 | Conditions for safe storage, including any incompatibilities | Storage conditions: Keep out of the reach of children. Keep container tightly closed. Store in a dry, cool and well-ventilated place. Keep from freezing. Do not store at temperatures above 38 °C / 100 °F. |
| 8 | Exposure controls/personal protection |  
| 8.1 | Control parameters | Formaldehyde (50-00-0): ACGIH ACGIH TWA (ppm): 0.1 ppm |

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8.2. Appropriate engineering controls

Appropriate engineering controls: Ensure good ventilation of the work station.
Environmental exposure controls: Avoid release to the environment.

8.3. Individual protection measures/Personal protective equipment

Hand protection:
Wear suitable gloves

Eye protection:
Safety glasses or goggles are recommended when using product.

Skin and body protection:
Wear suitable protective clothing

Respiratory protection:
In case of insufficient ventilation, wear suitable respiratory equipment. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information:
Handle in accordance with good industrial hygiene and safety procedures. Do not eat, drink or smoke when using this product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Liquid</td>
</tr>
<tr>
<td>Appearance</td>
<td>No data available</td>
</tr>
<tr>
<td>Color</td>
<td>white</td>
</tr>
<tr>
<td>Odor</td>
<td>slight</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>4.5 - 6</td>
</tr>
<tr>
<td>Melting point</td>
<td>≈ 32 °F</td>
</tr>
<tr>
<td>Freezing point</td>
<td>≈ 32 °F</td>
</tr>
<tr>
<td>Boiling point</td>
<td>&gt; 212 °F</td>
</tr>
<tr>
<td>Flash point</td>
<td>&gt; 212 °F</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (ether=1)</td>
<td>1</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not flammable</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>17.5 at 20°C / 68 °F</td>
</tr>
<tr>
<td>Relative vapor density at 20 °C</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.08 - 1.1</td>
</tr>
<tr>
<td>Solubility</td>
<td>Miscible</td>
</tr>
<tr>
<td>Partition coefficient n-octanol/water</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, kinematic</td>
<td>No data available</td>
</tr>
<tr>
<td>Viscosity, dynamic</td>
<td>&lt; 2600 cP</td>
</tr>
<tr>
<td>Explosion limits</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Explosive properties: No data available
Oxidizing properties: No data available

9.2. Other information
VOC content: < 1g/liter
Bulk density: 9.16 lb/gal

SECTION 10: Stability and reactivity

10.1. Reactivity
No dangerous reactions known under normal conditions of use.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No dangerous reactions known under normal conditions of use.

10.4. Conditions to avoid
Heat. Incompatible materials.

10.5. Incompatible materials
Strong oxidizers. Water-Reactive materials.

10.6. Hazardous decomposition products
May include, and are not limited to: oxides of carbon.

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified

Formaldehyde (50-00-0)

<table>
<thead>
<tr>
<th>Endpoint</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 oral rat</td>
<td>100 mg/kg</td>
</tr>
<tr>
<td>LD50 dermal rabbit</td>
<td>270 mg/kg</td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>0.578 mg/l/4h</td>
</tr>
<tr>
<td>LC50 inhalation rat</td>
<td>480 ppm</td>
</tr>
</tbody>
</table>

Skin corrosion/irritation: Not classified
pH: 4.5 - 6

Serious eye damage/irritation: Not classified
pH: 4.5 - 6

Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: Not classified
Reproductive toxicity: Not classified
Specific target organ toxicity – single exposure: Not classified
Specific target organ toxicity – repeated exposure: Not classified
Aspiration hazard: Not classified
Symptoms/effects after inhalation: May cause irritation to the respiratory tract.
Symptoms/effects after skin contact: May cause skin irritation. Repeated exposure may cause skin dryness or cracking.
Symptoms/effects after eye contact: May cause eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with possible redness and swelling.
Symptoms/effects after ingestion: May be harmful if swallowed. May cause gastrointestinal irritation, nausea, vomiting and diarrhea.
Other information: Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity
Ecology - general: May cause long-term adverse effects in the aquatic environment.
## Section 1: Identification

**Sakrete Concrete Glue**

### Section 1.1. Substance identification

**Chemical name:** Sakrete Concrete Glue

**CAS number:** 50-00-0

**Synonym:**

### Section 1.2. Supplier identification

**Company name:**

**Address:**

**Telephone:**

**Fax:**

**Email:**

**Website:**

### Section 1.3. Emergency telephone numbers

**National emergency telephone number:**

**Local emergency number:**

**Telephone number:**

### Section 1.4. Other information

- **Date of issue:** 09/01/2017
- **Revision date:** 09/01/2017
- **Prepared by:** Nexreg Compliance Inc.

---

## Section 2: Hazard Identification

### Section 2.1. Physical hazards

**State of matter:** Solid

**Form:**

**Colour:**

**Odour:**

**Odour threshold value:**

### Section 2.2. Health hazards

**Routes of entry:**

**Effects of exposure or intakes:**

**Symptoms and effects:**

### Section 2.3. Environmental hazards

**Effects on water bodies:**

**Effects on air:**

**Effects on ground and soil:**

**Effects on vegetation:**

### Section 2.4. Transport hazards

**UN Number:**

**Class:**

**Subclass:**

**包装标志:**

**Protection measures:**

### Section 2.5. Other information

- **Other information:**

---

## Section 3: Composition/Information on Ingredients

### Section 3.1. Substances

**Chemical name:** Formaldehyde (50-00-0)

**CAS number:** 50-00-0

**Synonym:**

### Section 3.2. Other information

- **Other information:**

---

## Section 4: First-Aid Measures

### Section 4.1. General information

**First-aid measures:**

**Supportive care:**

**Special treatments:**

### Section 4.2. Specific first-aid measures

**Inhalation:**

**Eye contact:**

**Skin contact:**

**Ingestion:**

### Section 4.3. Other information

- **Other information:**

---

## Section 5: Fire-fighting measures

### Section 5.1. Special hazards in fire-fighting

**Special hazards during fire-fighting:**

**Extinguishing media:**

**Advice for firefighters:**

### Section 5.2. Special protective equipment

**Personal protective equipment:**

---

## Section 6: Accidental release measures

### Section 6.1. Spill-containment measures

**Precautions during handling and storage:**

**Steps to be taken in case of leak or spill:**

**Waste disposal:**

### Section 6.2. Other information

- **Other information:**

---

## Section 7: Handling and storage

### Section 7.1. Precautions for users

**Precautions for users:**

**Precautions for storage:**

**Precautions for disposal:**

**Personal protection:**

**Engineering controls:**

**Hygiene measures:**

### Section 7.2. Other information

- **Other information:**

---

## Section 8: Exposure controls/Personal protection

### Section 8.1. Control parameters

**Exposure guidelines:**

**Permissible exposure limits:**

**Biological parameters:**

**Hygienic standards:**

### Section 8.2. Other information

- **Other information:**

---

## Section 9: Physical and chemical properties

### Section 9.1. Physical properties

**Appearance:**

**Odour:**

**Odour threshold:**

**Reactions:**

### Section 9.2. Chemical properties

**Reactivity:**

**Stability:**

**Hazardous decomposition products:**

**Chemical stability:**

**Sensitivity to light:**

### Section 9.3. Other information

- **Other information:**

---

## Section 10: Stability and reactivity

### Section 10.1. Reactivity and stability

**Reactivity:**

**Stability:**

**Conditions to avoid:**

**Incompatible materials:**

**Hazardous decomposition products:**

**Conditions for safe storage:**

**Hazardous reactions:**

### Section 10.2. Other information

- **Other information:**

---

## Section 11: Toxicological information

### Section 11.1. Acute toxicity

**LD₅₀ (oral):**

**LD₅₀ (dermal):**

**LD₅₀ (inhalation):**

**LD₅₀ (intravenous):**

**LC₅₀ (oral):**

**LC₅₀ (dermal):**

**LC₅₀ (inhalation):**

**LC₅₀ (intravenous):**

### Section 11.2. Skin sensitization

**Skin sensitivity:**

**Skin corrosion:**

**Skin irritation:**

**Primary irritation:**

**Secondary irritation:**

### Section 11.3. Respiratory irritation

**Respiratory irritation:**

**Pharmacological properties:**

**Toxicological effects:**

### Section 11.4. Other information

- **Other information:**

---

## Section 12: Ecological information

### Section 12.1. Ecotoxicological properties

**LC₅₀ fish:**

**EC₅₀ Daphnia:**

**LC₅₀ fish:**

**EC₅₀ Daphnia:**

**Persistence and degradability**

**Bioaccumulative potential**

**Partition coefficient n-octanol/water**

**Mobility in soil**

**Other adverse effects**

**Effect on the global warming:**

**Other information:**

### Section 12.2. Persistence and degradability

**Sakrete Concrete Glue**

**Persistence and degradability:**

**Not established.**

### Section 12.3. Bioaccumulative potential

**Sakrete Concrete Glue**

**Bioaccumulative potential:**

**Not established.**

**Formaldehyde (50-00-0)**

**Partition coefficient n-octanol/water:**

**0.35 (at 25 °C)**

### Section 12.4. Mobility in soil

**No additional information available**

### Section 12.5. Other adverse effects

**Effect on the global warming:**

**No known effects from this product.**

**Other information:**

**No other effects known.**

---

## Section 13: Disposal considerations

### Section 13.1. Disposal methods

**Product/Packaging disposal recommendations:**

**Dispose in a safe manner in accordance with local/national regulations.**

---

## Section 14: Transport information

### Section 14.1. Transport regulations

- **Transport regulations:**

**In accordance with DOT:**

**Not regulated**

---

## Section 15: Regulatory information

### Section 15.1. US Federal regulations

**All components of this product are listed, or excluded from listing, on the United States Environmental Protection Agency Toxic Substances Control Act (TSCA) inventory**

---

### Section 15.2. International regulations

**No additional information available**

---

### Section 15.3. US State regulations

**California Proposition 65:**

**This product contains substances known to the state of California to cause cancer.**

---

## Section 16: Other information

**Date of issue:** 09/01/2017

**Revision date:** 09/01/2017

**Other information:**

**Prepared by:** Nexreg Compliance Inc.

**Website:**

**www.Nexreg.com**

---

**SDS US (GHS HazCom 2012)_NEXREG_NEW**

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**01/31/2018**

EN (English US)