SECTION 1: IDENTIFICATION

1.1. Product Identifier

Product Form: Mixture
Product Name: SuperGlaze™ WBU
Synonyms: Water based polyurethane

1.2. Intended Use of the Product

Use of the Substance/Mixture: Concrete Sealer. For professional use only.

1.3. Name, Address, and Telephone of the Responsible Party

Company
Concrete Coatings Incorporated
1105 North 1600 West
Layton, UT 84041
801-544-8771
info@concretecoatingsinc.com
www.concretecoatingsinc.com

1.4. Emergency Telephone Number

Emergency Number: CHEMTREC: 800-443-2871

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the Substance or Mixture

GHS-US Classification
Repr. 2 H361
Full text of hazard classes and H-statements: see section 16

2.2. Label Elements

GHS-US Labeling
Hazard Pictograms (GHS-US):

Signal Word (GHS-US): Warning
Hazard Statements (GHS-US): H361 - Suspected of damaging fertility or the unborn child.
Precautionary Statements (GHS-US):
P201 - Obtain special instructions before use. 
P202 - Do not handle until all safety precautions have been read and understood. 
P280 - Wear protective gloves, protective clothing, and eye protection. 
P308+P313 - If exposed or concerned: Get medical advice/attention. 
P405 - Store locked up. 
P501 - Dispose of contents/container in accordance with local, regional, national, and international regulations.

2.3. Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

2.4. Unknown Acute Toxicity (GHS-US)

No data available

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substance

Not applicable

3.2. Mixture

<table>
<thead>
<tr>
<th>Name</th>
<th>Product Identifier</th>
<th>%</th>
<th>GHS-US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Ingredient 1</td>
<td>Proprietary</td>
<td>3.9115 - 7.823</td>
<td>Repr. 2, H361</td>
</tr>
</tbody>
</table>
Full text of H-phrases: see section 16
The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].
*The amine neutralizing agent in this product is bound in the matrix of this product as a salt and is as a result is essentially unreactive at room temperature.

SECTION 4: FIRST AID MEASURES

4.1. Description of First-aid Measures
First-aid Measures General: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid Measures After Inhalation: When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.
First-aid Measures After Skin Contact: Remove contaminated clothing. Drench affected area with water for at least 5 minutes. If exposed or concerned: Get medical advice/attention.
First-aid Measures After Eye Contact: Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.
First-aid Measures After Ingestion: Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

4.2. Most Important Symptoms and Effects Both Acute and Delayed
Symptoms/Injuries: May damage fertility. May damage the unborn child.
Symptoms/Injuries After Inhalation: Prolonged exposure may cause irritation.
Symptoms/Injuries After Skin Contact: Prolonged exposure may cause skin irritation.
Symptoms/Injuries After Eye Contact: May cause slight irritation to eyes.
Symptoms/Injuries After Ingestion: Ingestion may cause adverse effects.
Chronic Symptoms: Suspected of damaging fertility or the unborn child.

4.3. Indication of Any Immediate Medical Attention and Special Treatment Needed
If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

SECTION 5: FIRE-FIGHTING MEASURES

5.1. Extinguishing Media
Suitable Extinguishing Media: Water spray, fog, carbon dioxide (CO₂), alcohol-resistant foam, or dry chemical.
Unsuitable Extinguishing Media: Do not use a heavy water stream. Use of heavy stream of water may spread fire.

5.2. Special Hazards Arising From the Substance or Mixture
Fire Hazard: Not considered flammable but may burn at high temperatures.
Explosion Hazard: Product is not explosive.
Reactivity: Hazardous reactions will not occur under normal conditions.

5.3. Advice for Firefighters
Precautionary Measures Fire: Exercise caution when fighting any chemical fire.
Firefighting Instructions: Use water spray or fog for cooling exposed containers.
Protection During Firefighting: Do not enter fire area without proper protective equipment, including respiratory protection.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal Precautions, Protective Equipment and Emergency Procedures
General Measures: Do not get in eyes, on skin, or on clothing. Do not breathe vapor, mist or spray.

6.1.1. For Non-Emergency Personnel
Protective Equipment: Use appropriate personal protective equipment (PPE).

6.1.2. For Emergency Personnel
Protective Equipment: Equip cleanup crew with proper protection.
Emergency Procedures: Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit. Ventilate area.

6.2. Environmental Precautions
Prevent entry to sewers and public waters.

6.3. Methods and Materials for Containment and Cleaning Up
For Containment: Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for Cleaning Up: Clean up spills immediately and dispose of waste safely. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

6.4. Reference to Other Sections
See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for Safe Handling
Additional Hazards When Processed: Any proposed use of this product in elevated-temperature processes should be thoroughly evaluated to assure that safe operating conditions are established and maintained.
Precautions for Safe Handling: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe vapor, mist, spray. Avoid contact with skin, eyes and clothing.
Hygiene Measures: Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for Safe Storage, Including Any Incompatibilities
Technical Measures: Comply with applicable regulations.
Storage Conditions: Keep container closed when not in use. Store in a dry, cool place. Keep/Store away from direct sunlight, extremely high or low temperatures and incompatible materials. Store locked up/in a secure area.
Incompatible Materials: Strong acids, strong bases, strong oxidizers.

7.3. Specific End Use(s)
Concrete Sealer. For professional use only.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control Parameters
For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

<table>
<thead>
<tr>
<th>Proprietary Ingredient 2</th>
<th>USA ACGIH</th>
<th>Biological Exposure Indices (BEI)</th>
<th>100 mg/l Parameter: 5-Hydroxy-N-methyl-2-pyrrolidone - Medium: urine - Sampling time: end of shift</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA AIHA</td>
<td>WEEL TWA (ppm)</td>
<td>10 ppm</td>
<td></td>
</tr>
<tr>
<td>USA AIHA</td>
<td>AIHA chemical category</td>
<td>skin notation</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 3</th>
<th>USA ACGIH</th>
<th>ACGIH TWA (ppm)</th>
<th>0.5 ppm</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>ACGIH STEL (ppm)</td>
<td>1 ppm</td>
<td></td>
</tr>
<tr>
<td>USA ACGIH</td>
<td>ACGIH chemical category</td>
<td>Skin - potential significant contribution to overall exposure by the cutaneous route, Not Classifiable as a Human Carcinogen</td>
<td></td>
</tr>
<tr>
<td>USA IDLH</td>
<td>US IDLH (ppm)</td>
<td>200 ppm</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (mg/m³)</td>
<td>100 mg/m³</td>
<td></td>
</tr>
<tr>
<td>USA OSHA</td>
<td>OSHA PEL (TWA) (ppm)</td>
<td>25 ppm</td>
<td></td>
</tr>
</tbody>
</table>

8.2. Exposure Controls
Appropriate Engineering Controls: Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

Materials for Protective Clothing: Chemically resistant materials and fabrics.
Hand Protection: Wear protective gloves.
Eye and Face Protection: Chemical safety goggles.
Skin and Body Protection: Wear suitable protective clothing.
Respiratory Protection: If exposure limits are exceeded or irritation is experienced, approved respiratory protection should be worn. In case of inadequate ventilation, oxygen deficient atmosphere, or where exposure levels are not known wear approved respiratory protection.

Other Information: When using, do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on Basic Physical and Chemical Properties
- Physical State: Liquid
- Appearance: Slightly yellow
- Odor: Slight amine-like odor
- Odor Threshold: No data available
- pH: 7.5 - 8.5
- Evaporation Rate: Slower than Butyl Acetate
- Melting Point: No data available
- Freezing Point: 0 °C (32 °F) (Water)
- Boiling Point: 100 °C (212 °F) (Water)
- Flash Point: 93.89 °C (201 °F)
- Auto-ignition Temperature: No data available
- Decomposition Temperature: No data available
- Flammability (solid, gas): Not applicable
- Vapor Pressure: 23 mbar at 20°C (Approximate value)
- Relative Vapor Density at 20°C: 1.05 g/cm³ at 20 °C
- Relative Density: No data available
- Specific Gravity: 1.0312
- Solubility: Water: Miscible
- Partition Coefficient: N-Octanol/Water: No data available
- Viscosity: 30 - 60 mPa.s (Brookfield RVT, spindle 1 50 RPM at 20 °C)
- Lower Flammable Limit: 0.7 %
- Upper Flammable Limit: 9.4 %

9.2. Other Information: No additional information available

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity: Hazardous reactions will not occur under normal conditions.
10.2. Chemical Stability: Stable under recommended handling and storage conditions (see section 7).
10.3. Possibility of Hazardous Reactions: Hazardous polymerization will not occur.
10.4. Conditions to Avoid: Direct sunlight, extremely high or low temperatures, and incompatible materials.
10.5. Incompatible Materials: Strong acids, strong bases, strong oxidizers.
10.6. Hazardous Decomposition Products: May generate amine vapors upon heating (processing).

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on Toxicological Effects
Acute Toxicity: Not classified

<table>
<thead>
<tr>
<th>Proprietary Ingredient 1</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>LD50 Oral Rat</td>
<td>4 ml/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>9404 mg/kg</td>
<td></td>
</tr>
<tr>
<td>Proprietary Ingredient 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>4150 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>&gt; 5000 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>5.1 mg/l/4h</td>
<td></td>
</tr>
<tr>
<td>Proprietary Ingredient 3</td>
<td></td>
<td></td>
</tr>
<tr>
<td>LD50 Oral Rat</td>
<td>460 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LD50 Dermal Rabbit</td>
<td>415 mg/kg</td>
<td></td>
</tr>
<tr>
<td>LC50 Inhalation Rat</td>
<td>5.163 mg/l/4h</td>
<td></td>
</tr>
</tbody>
</table>
SuperGlaze™ WBU
Safety Data Sheet

According to Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

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**LC50 Inhalation Rat**

1250 ppm/4h

**Skin Corrosion/Irritation:** Not classified.

**pH:** 7.5 - 8.5

**Serious Eye Damage/Irritation:** Not classified.

**pH:** 7.5 - 8.5

**Respiratory or Skin Sensitization:** Not classified

**Germ Cell Mutagenicity:** Not classified

**Carcinogenicity:** Not classified

**Reproductive Toxicity:** Suspected of damaging fertility or the unborn child. (Classification of the product is based upon component data. Proprietary Ingredient 2 triggers a Repr. 1B classification when present at 5% or more in a mixture. Since Proprietary Ingredient 2 is present at less than 5%, Proprietary Ingredient 1 is triggering the reproductive hazard shown in Section 2.)

**Specific Target Organ Toxicity (Single Exposure):** Not classified

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified

**Aspiration Hazard:** Not classified

**Symptoms/Injuries After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Injuries After Skin Contact:** Prolonged exposure may cause skin irritation.

**Symptoms/Injuries After Eye Contact:** May cause slight irritation to eyes.

**Symptoms/Injuries After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** Suspected of damaging fertility or the unborn child.

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**SECTION 12: ECOLOGICAL INFORMATION**

**12.1. Toxicity**

**Ecology - General:** Not classified.

<table>
<thead>
<tr>
<th>Proprietary Ingredient 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LC50 Fish 1</strong></td>
<td>7500 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
</tr>
<tr>
<td><strong>EC50 Daphnia 1</strong></td>
<td>&gt; 500 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td><strong>LC50 Fish 2</strong></td>
<td>7500 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LC50 Fish 1</strong></td>
<td>832 mg/l (Exposure time: 96 h - Species: Lepomis macrochirus [static])</td>
</tr>
<tr>
<td><strong>EC50 Daphnia 1</strong></td>
<td>4897 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td><strong>LC50 Fish 2</strong></td>
<td>1072 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>LC50 Fish 1</strong></td>
<td>43.7 mg/l (Exposure time: 96 h - Species: Pimephales promelas [static])</td>
</tr>
<tr>
<td><strong>EC50 Daphnia 1</strong></td>
<td>200 mg/l (Exposure time: 48 h - Species: Daphnia magna)</td>
</tr>
<tr>
<td><strong>ErC50 (Algae)</strong></td>
<td>8 mg/l</td>
</tr>
</tbody>
</table>

**12.2. Persistence and Degradability**

**SuperGlaze™ WBU**

**Persistence and Degradability:** Not established.

**12.3. Bioaccumulative Potential**

**SuperGlaze™ WBU**

**Bioaccumulative Potential:** Not established.

<table>
<thead>
<tr>
<th>Proprietary Ingredient 1</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Log Pow</strong></td>
<td>-0.682</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 2</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Log Pow</strong></td>
<td>-0.46 (at 25 °C)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Proprietary Ingredient 3</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BCF Fish 1</strong></td>
<td>&lt; 4.9</td>
</tr>
<tr>
<td><strong>Log Pow</strong></td>
<td>1.45</td>
</tr>
</tbody>
</table>

**12.4. Mobility in Soil**

No additional information available

**12.5. Other Adverse Effects**

**Other Information:** Avoid release to the environment.

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09/11/2017 EN [English US] 5/7
SECTION 13: DISPOSAL CONSIDERATIONS

13.1. Waste Treatment Methods

Waste Disposal Recommendations: Dispose of contents/container in accordance with local, regional, national, and international regulations.

Additional Information: Container may remain hazardous when empty. Continue to observe all precautions.

Ecology - Waste Materials: Avoid release to the environment.

SECTION 14: TRANSPORT INFORMATION

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

14.1. In Accordance with DOT Not regulated for transport

14.2. In Accordance with IMDG Not regulated for transport

14.3. In Accordance with IATA Not regulated for transport

SECTION 15: REGULATORY INFORMATION

15.1. US Federal Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>SARA Section 311/312 Hazard Classes</th>
<th>CERCLA RQ</th>
</tr>
</thead>
<tbody>
<tr>
<td>SuperGlaze™ WBU</td>
<td>Delayed (chronic) health hazard</td>
<td>5000 lb</td>
</tr>
<tr>
<td>Proprietary Ingredient 1</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Proprietary Ingredient 2</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Subject to reporting requirements of United States SARA Section 313</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SARA Section 313 - Emission Reporting</td>
<td>1 %</td>
<td></td>
</tr>
<tr>
<td>Proprietary Ingredient 3</td>
<td>Listed on the United States TSCA (Toxic Substances Control Act) inventory</td>
<td></td>
</tr>
<tr>
<td>Subject to reporting requirements of United States SARA Section 313</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CERCLA RQ</td>
<td>5000 lb</td>
<td></td>
</tr>
<tr>
<td>SARA Section 313 - Emission Reporting</td>
<td>1 %</td>
<td></td>
</tr>
</tbody>
</table>

15.2. US State Regulations

<table>
<thead>
<tr>
<th>Substance</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Ingredient 1</td>
<td>WARNING: This product contains chemicals known to the State of California to cause birth defects.</td>
</tr>
<tr>
<td>U.S. - Massachusetts - Right To Know List</td>
<td></td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>U.S. - Massachusetts - Right To Know List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Ingredient 2</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Substance</th>
<th>U.S. - Massachusetts - Right To Know List</th>
</tr>
</thead>
<tbody>
<tr>
<td>Proprietary Ingredient 3</td>
<td>U.S. - New Jersey - Right to Know Hazardous Substance List</td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List</td>
<td></td>
</tr>
<tr>
<td>U.S. - Pennsylvania - RTK (Right to Know) List</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision: 09/11/2017

Other Information: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200

The specific chemical identity and/or exact percentage of composition have been withheld as a trade secret [29 CFR 1910.1200].

GHS Full Text Phrases:

Acute Tox. 3 (Dermal) Acute toxicity (dermal) Category 3
### Acute Tox. 3 (Inhalation:vapor)
Acute toxicity (inhalation:vapor) Category 3

### Acute Tox. 4 (Oral)
Acute toxicity (oral) Category 4

### Aquatic Acute 2
Hazardous to the aquatic environment - Acute Hazard Category 2

### Eye Dam. 1
Serious eye damage/eye irritation Category 1

### Eye Irrit. 2A
Serious eye damage/eye irritation Category 2A

### Flam. Liq. 2
Flammable liquids Category 2

### Flam. Liq. 4
Flammable liquids Category 4

### Repr. 1B
Reproductive toxicity Category 1B

### Repr. 2
Reproductive toxicity Category 2

### Skin Corr. 1A
Skin corrosion/irritation Category 1A

### Skin Irrit. 2
Skin corrosion/irritation Category 2

### STOT SE 3
Specific target organ toxicity (single exposure) Category 3

### H225
Highly flammable liquid and vapor

### H227
Combustible liquid

### H302
Harmful if swallowed

### H311
Toxic in contact with skin

### H314
Causes severe skin burns and eye damage

### H315
Causes skin irritation

### H318
Causes serious eye damage

### H319
Causes serious eye irritation

### H331
Toxic if inhaled

### H335
May cause respiratory irritation

### H360
May damage fertility or the unborn child

### H361
Suspected of damaging fertility or the unborn child

### H401
Toxic to aquatic life

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

SDS US (GHS HazCom)