



**RussTech, Inc.**  
"WE ADD THE DIFFERENCE"

## SILICASEAL-W Safety Data Sheet

### 1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

#### Product Identification

- Trade Name: **SILICASEAL-W**
- Product Use: Curing, Hardening & Dust Proofing Compound for Concrete
- Restrictions on Use: Intended for industrial and professional users
- CAS#: Mixture

#### Company Information

- RussTech, Inc.  
11208 Decimal Drive  
Louisville, KY 40299  
502-267-7700
- Prepared by Department of Environmental, Health and Safety

#### Emergency number – (served 24 hours)

- CHEMTREC 800-424-9300

### 2. HAZARDS IDENTIFICATION

#### Classification of substance or mixture:

Eye Irritation	Category 1	Serious Eye Damage
Skin Irritation	Category 2	Causes severe skin burns

Label elements: This material requires a hazard warning label in accordance with GHS criteria



Pictogram:

Signal Word: **DANGER**

#### Hazard statement(s):

H318: Causes serious eye damage

H314: Causes severe skin and eye burns

#### Precautionary statement(s):

P260: Do not breathe dusts or mists

P280: Wear protective gloves/clothing and eye/face protection.

P264: Wash face, hands, and forearms thoroughly after handling

#### Precautionary statements (response):

P301+P330+P331: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P310: Immediately call doctor/physician

P303+P361+P353: IF ON SKIN (or hair): Remove immediately all contaminated clothing. Rinse skin with water/shower

P363: Wash contaminated clothing before reuse

P304+P340: IF INHALED: Remove victim to fresh air and keep at rest in position comfortable for breathing

P405: Store locked up

P501: Dispose of contents/container in accordance with local/state/federal regulations

Hazards not otherwise classified: Not applicable

### 3. COMPOSITION / INFORMATION ON HAZARDOUS INGREDIENTS

Per 2012 OSHA Hazard Communication Standard 29 CFR 1910.1200

Components:		
Chemical Name:	CAS#:	Content
Potassium Hydroxide	1310-58-3	1 – 5%

### 4. FIRST AID MEASURES

Inhalation: Move person away from exposure. If having difficulty breathing, administer oxygen. If breathing has stopped, administer artificial respiration, and seek medical attention.

Eyes: Flush eyes with water lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.

Skin: Remove contaminated clothing. Wash affected area thoroughly with soap and water. If irritation persists, seek medical attention.

Ingestion: Contact physician or Poison Control Center (PCC) immediately. Do NOT induce vomiting unless instructed to do by physician or PCC.

### 5. FIREFIGHTING MEASURES

Suitable extinguishing media: Use extinguishing media suitable for surrounding fire

Unsuitable extinguishing media: Water jet

Specific hazards in case of fire: None known

Special protective equipment required for firefighting: Wear self-contained breathing apparatus (SCBA)

Additional information for firefighters: None known

### 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures:

- Wear appropriate PPE as needed
- Keep unprotected persons away

Environmental precautions:

- Prevent material from entering drains, septic systems, water sources, etc. using dikes, absorbent materials, and booms.

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### Material containment and clean up:

- Contain material with dikes. Vacuum up spilled material or use absorbent media. Remove spilled material to storage for proper disposal. Dispose of in accordance with local, state, and federal regulations. Rinse residual stain with water.

## 7. HANDLING AND STORAGE

Precautions for safe handling: No special handling required if material is used correctly

Information about protection against explosions and fires: No special measures required

Information about safe storage: Avoid contact with acids

Shelf Life: 18 months

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTIONS

Additional information about exposure controls: No further data; see section 7

Components with limit values that require monitoring at the workplace: None

PPE (personal protective equipment) and hygienic measures:

- Wear ANSI approved safety glasses or goggles to protect eyes
- Wear latex or rubber gloves to protect skin
- Wash hands thoroughly before breaks and at end of workday

## 9. PHYSICAL AND CHEMICAL PROPERTIES

### General Information:

- Physical state: Liquid
- Color: Clear
- Odor: None
- Odor Threshold: Not available

### Physical properties:

- pH value (@70°F): 9.90 – 11.90
- Specific gravity (@70°F): 1.030
- Bulk density: Not available
- Boiling point: 212°F / 100°C
- Freezing point/Melting point: 32°F / 0°C
- Decomposition temperature: Not available
- Vapor pressure: Not available
- Vapor density: Not available
- Evaporation rate: Not available
- VOC (w/w): 0%
- Solubility in / Miscibility with water: 100%
- Partition Coefficient (n-octanol/water): Not available
- Auto ignition: Material is not self-igniting
- Flash point: Material is non-flammable
- Lower / Upper Flammability Limits: Not applicable
- Viscosity: Not available
- Danger of explosion: material does not present an explosion hazard

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### 10. STABILITY AND REACTIVITY

Material stability: Material is stable and not sensitive to mechanical impact

Possibility of hazardous reactions: None known

Incompatible materials to avoid: Reacts with acids

Hazardous decomposition products: None expected during normal storage, handling, and use

### 11. TOXICOLOGICAL INFORMATION

Routes for exposure for solids and liquids are ingestion and inhalation but may include eye and skin contact.

Acute toxicity: This product has not been tested for toxicity. Data derived from individual components.

- Dermal: causes severe skin burns
- Inhalation: no data available
- Ingestion: toxic effects are not expected after a single oral dose
- Irritation/corrosion: causes serious irreversible eye damage

Chronic toxicity: This product has not been tested for toxicity. Based on the properties of the individual components, the classification criteria are not met.

- Repeated dose: no data available
- Genetic: no data available
- Carcinogenicity: no data available
- Reproductive: no data available
- Teratogenicity: no data available

### 12. ECOLOGICAL INFORMATION

Based on available data, no expected damaging effects to aquatic organisms. Harmful effect through pH possible. Based on these data no harmful effects are expected after neutralization.

Persistence and degradability: data not available

Bioaccumulative potential: there is no evidence to suggest bioaccumulation will occur

Mobility in soil: data not available

### 13. DISPOSAL CONSIDERATIONS

In its manufactured form this material or its residues are not considered a hazardous waste. Dispose of in accordance with local, state, and federal regulations. Surplus or contaminated product should be disposed of by a licensed disposal facility. Do not discharge product or residues into sewers, drains, surface waters or ground waters. Packaging should be emptied as much as possible and thoroughly cleaned before being reused or recycled.

### 14. TRANSPORT INFORMATION

Material is not regulated for transport

### 15. REGULATORY INFORMATION

- Sara 302 (extremely hazardous materials): not applicable
- Sara 311/312: Acute health hazard
- Sara 313: Not applicable
- TSCA: All components are listed or exempt

## **SILICASEAL-W**

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- California Prop. 65: This product does not contain any chemicals known to the state of California to cause cancer, birth, or any other reproductive defects.

#### **16. OTHER INFORMATION**

This information is based on our current knowledge and is furnished without warranty, representation, or license of any kind, except that this information is accurate to the best of RussTech's knowledge or is obtained from sources believed by RussTech to be accurate. No warranty is expressed or implied regarding the accuracy of this information or the results to be obtained from its use thereof. RussTech assumes no responsibility for injuries proximately caused by use of the Material if reasonable safety procedures are not followed as stipulated in this Data Sheet. Additionally, RussTech assumes no responsibility for injuries caused by abnormal use of the Material even if reasonable safety procedures are followed. Buyer assumes the risk in its use of the Material.