SECTION 1: Identification

1.1. Identification
Product form: Mixture
Product name: LW 25
CAS-No.: Mixture
Product code: 4892
Other means of identification: Insulating Fire Brick

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

1.3. Supplier
Resco Products, Inc.
One Robinson Plaza, Suite 300
6600 Steubenville Pike
Pittsburgh, PA 15205 - United States
T 412-494-4491
SDS@RescoProducts.com - WWW.RescoProducts.com

1.4. Emergency telephone number
Emergency number: EMERGENCY ONLY (CHEMTREC) USA & Canada 1-800-424-9300
Outside USA & Canada +1 703-741-5970

SECTION 2: Hazard(s) identification

2.1. Classification of the substance or mixture
GHS US classification
Carcinogenicity Category: H350 - May cause cancer (Inhalation, Dust when sawing or tear out)
Specific target organ toxicity (single exposure) Category 3

2.2. GHS Label elements, including precautionary statements
GHS US labeling
Hazard pictograms (GHS US):
Signal word (GHS US): Danger
Hazard statements (GHS US): H350 - May cause cancer (Inhalation, Dust when sawing or tear out)
May dry/chap skin.
Dust from sawing or tear out may irritate eye.
P280 - Do not breathe dust.
P280 - Wear Safety shoes, protective gloves, eye protection.
P305+P351+P338 - If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Precautionary statements (GHS US):
P260 - Do not breathe dust.

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>
<th>GHS US classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>cristobalite</td>
<td>(CAS-No.) 14464-46-1</td>
<td>20 - 50</td>
<td>Carc. 1A, H350</td>
</tr>
</tbody>
</table>

Full text of hazard classes and H-statements: see section 16

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.
First-aid measures after inhalation: Allow victim to breathe fresh air.
First-aid measures after skin contact: Gently wash with plenty of soap and water.
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.
First-aid measures after ingestion: Rinse mouth. Do not induce vomiting.
4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects after inhalation: May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.

Symptoms/effects after skin contact: Not irritating. Irritation.

Symptoms/effects after eye contact: Dust from sawing or tear out may irritate eye.

Symptoms/effects after ingestion: No data available.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable (and unsuitable) extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: No unsuitable extinguishing media known.

5.2. Specific hazards arising from the chemical

Fire hazard: Non-flammable.

Reactivity: None known.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions: No specific fire-fighting instructions required.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

No additional information available

6.1.2. For emergency responders

Protective equipment: Use personal protective equipment as required.

6.2. Environmental precautions

No additional information available

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Collect spillage.

6.4. Reference to other sections

No additional information available

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Wear Safety shoes, Gloves.

Hygiene measures: Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store this product in a dry location where it can be protected from the elements.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>cristobalite (14464-46-1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
</tr>
<tr>
<td>OSHA</td>
</tr>
</tbody>
</table>

8.2. Appropriate engineering controls

No additional information available

8.3. Individual protection measures/Personal protective equipment

Hand protection: Wear protective gloves.

Eye protection: Safety glasses

Respiratory protection: Where exposure through inhalation may occur from use, respiratory protection equipment is recommended

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid

Appearance: Tan Colored Brick Shape.

Color: light brown

Odor: None

Odor threshold: No data available

pH: No data available

Melting point: > 2500 °F
Freezing point: No data available
Boiling point: No data available
Flash point: No data available
Relative evaporation rate (butyl acetate=1): No data available
Flammability (solid, gas): Non flammable.
Vapor pressure: No data available
Relative vapor density at 20 °C: No data available
Relative density: ≈ 0.6
Solubility: Insoluble in water.
Log Pow: No data available
Auto-ignition temperature: No data available
Decomposition temperature: No data available
Viscosity, kinematic: No data available
Viscosity, dynamic: No data available
Explosion limits: No data available
Explosive properties: No data available
Oxidizing properties: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
None known.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
No additional information available

10.4. Conditions to avoid
No additional information available

10.5. Incompatible materials
No additional information available

10.6. Hazardous decomposition products
No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects
Acute toxicity: Not classified
Skin corrosion/irritation: Not classified
Serious eye damage/irritation: Not classified
Respiratory or skin sensitization: Not classified
Germ cell mutagenicity: Not classified
Carcinogenicity: May cause cancer ( Inhalation, Dust when sawing or tear out ).

<table>
<thead>
<tr>
<th>cristobalite (14464-46-1)</th>
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<tbody>
<tr>
<td>IARC group</td>
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</tbody>
</table>

Reproductive toxicity: Not classified
Specific target organ toxicity – single exposure: May cause respiratory irritation.
Specific target organ toxicity – repeated exposure: Not classified
Aspiration hazard: Not classified
Symptoms/effects after inhalation: May cause cancer by inhalation. Danger of serious damage to health by prolonged exposure through inhalation.
Symptoms/effects after skin contact: Not irritating. Irritation.
Symptoms/effects after eye contact: Dust from sawing or tear out may irritate eye.
Symptoms/effects after ingestion: No data available.

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability

<table>
<thead>
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<tbody>
<tr>
<td>Persistence and degradability</td>
</tr>
</tbody>
</table>
**LW 25**

Safety Data Sheet

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

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**12.3. Bioaccumulative potential**

<table>
<thead>
<tr>
<th>cristobalite (14464-46-1)</th>
<th>Bioaccumulative potential</th>
<th>No test data available.</th>
</tr>
</thead>
</table>

**12.4. Mobility in soil**

No additional information available

**12.5. Other adverse effects**

No additional information available

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**SECTION 13: Disposal considerations**

**13.1. Disposal methods**

Product/Packaging disposal recommendations: Dispose in a safe manner in accordance with local/national regulations.

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**SECTION 14: Transport information**

**Department of Transportation (DOT)**

In accordance with DOT

Not regulated

**Transportation of Dangerous Goods**

Not regulated

**Transport by sea**

Not regulated

**Air transport**

Not regulated

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**SECTION 15: Regulatory information**

**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

**15.2. International regulations**

**CANADA**

No additional information available

**EU-Regulations**

No additional information available

**National regulations**

No additional information available

**15.3. US State regulations**

**LW 25 (Mixture)**

<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Other information</th>
<th>This product contains crystalline silica, a chemical known to the State of California to cause cancer.</th>
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</thead>
<tbody>
<tr>
<td>cristobalite (14464-46-1)</td>
<td></td>
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<tr>
<td>U.S. - California - Proposition 65 - Developmental Toxicity</td>
<td>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</td>
</tr>
<tr>
<td>Yes</td>
<td>No</td>
</tr>
</tbody>
</table>

**cristobalite (14464-46-1)**

<table>
<thead>
<tr>
<th>U.S. - New Jersey - Right to Know Hazardous Substance List</th>
<th></th>
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**SECTION 16: Other information**

**Revision date**: 01/04/2019

**Other information**: Report language name. English. In the event of any conflict between English and other language versions, the English version shall prevail.

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**Full text of H-phrases:**

- **H335**: May cause respiratory irritation
- **H350**: May cause cancer

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SDS US (GHS HazCom 2012)

This information and recommendations set forth herein are taken from sources believed to be accurate as of the date herein, however, Resco Products, Inc. makes no warranty with respect to the accuracy of the information or the suitability of the recommendations, and assumes no liability to any user thereof.