1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE PSS ACWS WH.10OZ=295ML  IDH number: 1507600
Product type: Sealant
Restriction of Use: None identified
Region: United States
Contact information:
Telephone: (860) 571-5100
MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711
TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887
Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

WARNING: ABRASION COULD RELEASE RESPIRABLE PARTICLES OF SILICA QUARTZ, A CANCER HAZARD BY INHALATION. NORMAL USE OF THIS PRODUCT CAUSES NO SUCH RELEASE. CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS | HAZARD CATEGORY
--- | ---
EYE IRRITATION | 2A

PICTOGRAM(S)

Precautionary Statements

Prevention: Wash thoroughly after handling. Wear eye and face protection.
Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If eye irritation persists: Get medical attention.
Storage: Not prescribed
Disposal: Not prescribed


See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>CAS Number</th>
<th>Percentage*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>1317-65-3</td>
<td>30 - 60</td>
</tr>
<tr>
<td>Quartz (SiO2)</td>
<td>14808-60-7</td>
<td>0.1 - 1</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>13463-67-7</td>
<td>0.1 - 1</td>
</tr>
</tbody>
</table>
* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

**Inhalation:**
Move to fresh air. If symptoms persist, seek medical advice.

**Skin contact:**
Wash affected area immediately with soap and water. If symptoms develop and persist, get medical attention.

**Eye contact:**
In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.

**Ingestion:**
Rinse out mouth. Do not drink. Never give anything by mouth to an unconscious person. If adverse health effects develop seek medical attention.

**Symptoms:**
See Section 11.

5. FIRE FIGHTING MEASURES

**Extinguishing media:**
Water spray (fog), foam, dry chemical or carbon dioxide.

**Special firefighting procedures:**
Water may be unsuitable as an extinguishing media, but may be helpful in keeping adjacent containers cool.

**Unusual fire or explosion hazards:**
This product is an aqueous mixture which will not burn. If evaporated to dryness, the solid residue may pose a slight fire hazard.

**Hazardous combustion products:**

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

**Environmental precautions:**
Do not let product enter drains.

**Clean-up methods:**
Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Absorb spill with inert material. Shovel material into appropriate container for disposal. Wear appropriate protective equipment and clothing during clean-up.

7. HANDLING AND STORAGE

**Handling:**
Avoid contact with eyes. Avoid prolonged or repeated skin contact with this material. Keep out of the reach of children.

**Storage:**
Keep from freezing.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

<table>
<thead>
<tr>
<th>Hazardous Component(s)</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>AIHA WEEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Limestone</td>
<td>10 mg/m³ TWA Total dust.</td>
<td>5 mg/m³ PEL Respirable fraction. 15 mg/m³ PEL Total dust.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Quartz (SiO₂)</td>
<td>0.025 mg/m³ TWA Respirable fraction.</td>
<td>2.4 MPPCF TWA Respirable. 0.1 mg/m³ TWA Respirable. 0.3 mg/m³ TWA Total dust.</td>
<td>None</td>
<td>None</td>
</tr>
<tr>
<td>Titanium dioxide</td>
<td>10 mg/m³ TWA</td>
<td>15 mg/m³ PEL Total dust.</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Engineering controls: Use local exhaust ventilation.

Respiratory protection: No personal respiratory protective equipment normally required.

Eye/face protection: None required in normal use.

Skin protection: Use impermeable gloves and protective clothing as necessary to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Physical state: pasty
- Color: white
- Odor: Acrylic
- Odor threshold: Not available.
- pH: 7.3 - 8.5
- Vapor pressure: 15 mm hg (20 °C (68°F))
- Boiling point/range: 100 °C (212°F)
- Melting point/ range: Not available.
- Specific gravity: 1.69
- Vapor density: Heavier than air, (Air = 1)
- Flash point: > 93.3 °C (> 199.94 °F)
- Flammable/Explosive limits - lower: Not available.
- Flammable/Explosive limits - upper: Not available.
- Autoignition temperature: Not available.
- Evaporation rate: 0.5 (Butyl acetate = 1)
- Solubility in water: Soluble
- Partition coefficient (n-octanol/water): Not available.
- VOC content: 1.5 %; 33 g/l (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method)
- Viscosity: <= 1,000,000 cp
- Decomposition temperature: Not available.
10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous reactions: Will not occur.


Incompatible materials: None expected.

Reactivity: Not available.

Conditions to avoid: Not available.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin

Potential Health Effects/Symptoms

Inhalation: Contains crystalline silica (quartz), which is classified as a possible carcinogen. However, the crystalline silica present in this product is encapsulated in the liquid and will only be liberated if the product is sanded or abraded, and even then what is liberated will not be pure crystalline silica. Appropriate precautions, however, should be taken if the product is sanded or abraded to prevent personnel from breathing the dust.

Skin contact: Prolonged or repeated contact with this product may dry and/or defat the skin.

Eye contact: Contact with uncured product may irritate the eyes.

Ingestion: Ingestion of this product is unlikely. However, ingestion of product may produce gastrointestinal irritation and disturbances.

Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects
--- | --- | ---
Limestone | None | Nuisance dust
Quartz (SiO2) | None | Immune system, Lung, Some evidence of carcinogenicity
Titanium dioxide | None | Irritant, Respiratory, Some evidence of carcinogenicity

Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated)
--- | --- | --- | ---
Limestone | No | No | No
Quartz (SiO2) | Known To Be Human Carcinogen. | Group 1 | No
Titanium dioxide | No | Group 2B | No

12. ECOLOGICAL INFORMATION

Ecological information: Not available.
13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

Hazardous waste number: It is the responsibility of the user to determine if an item is hazardous as defined in the Resource Conservation and Recovery Act (RCRA) at the time of disposal. Product uses, transformations, mixtures, processes, etc., may render the resulting material hazardous, under the criteria of ignitability, corrosivity, reactivity and toxicity characteristics of the Toxicity Characteristics Leaching Procedure (TCLP) 40 CFR 261.20-24.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Ground (49 CFR)
- Proper shipping name: Not regulated
- Hazard class or division: None
- Identification number: None
- Packing group: None

International Air Transportation (ICAO/IATA)
- Proper shipping name: Not regulated
- Hazard class or division: None
- Identification number: None
- Packing group: None

Water Transportation (IMO/IMDG)
- Proper shipping name: Not regulated
- Hazard class or division: None
- Identification number: None
- Packing group: None

15. REGULATORY INFORMATION

United States Regulatory Information
- TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
- TSCA 12 (b) Export Notification: None above reporting de minimis
- CERCLA/SARA Section 302 EHS: None above reporting de minimis
- CERCLA/SARA Section 311/312: Delayed Health, Immediate Health
- CERCLA/SARA Section 313: None above reporting de minimis
- California Proposition 65: This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information
- CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.
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