1 Identification of the substance/preparation and of the company/undertaking

Product details
Product category: FLOORING
Trade name: MERKRETE REVIVE
Application/preparation of the substance: Grouts
Manufacturer/Supplier: PAREXUSA, Inc.
4125 E. LA PALMA AVE
SUITE 250
ANAHEIM, CA 92807
Further information obtainable from: pedro.paredes@parexusa.com
Contact phone number: 800-226-2424
In case of emergency, contact CHEMTREC: 800-424-9300

2 Hazards identification

Hazard pictograms (GHS-US):
Irritant
Health Hazards

Signal word (GHS-US):
Warning

Hazard statement (GHS-US):
H303 Can be harmful if swallowed
H320 Causes eye irritation
H335 May cause respiratory irritation
H313 May be harmful in contact with skin

Precautionary statements (GHS-US):
P402 Store in a dry place.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 IF ON SKIN: Wash with plenty of soap and water
P305+P351+P338 minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P304+P341 IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing
P301+P310 IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician

HMIS codes:
Health 0
Flammability 0
Reactivity 0

Protective equipment

Information concerning particular hazards for human and environment:
May be harmful if ingested.
Dust may be irritating to eyes, respiratory system, and skin.
Not known to cause reproductive harm or birth defects.
Keep out of reach of children.
3 Composition/information on ingredients

Chemical characterization:

<table>
<thead>
<tr>
<th>CAS #</th>
<th>Name</th>
<th>Exposure Limit</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
</tr>
</thead>
<tbody>
<tr>
<td>1317-65-3</td>
<td>Limestone</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>000111-76-2</td>
<td>2-Butoxy ethanol</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>013463-67-7</td>
<td>Titanium Dioxide</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1335-21-6</td>
<td>Ammonium Hydroxide</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Exposure Limit:
- OSHA PEL: 5 mg/m³
- ACGIH TLV: 10 mg/m³
- ACGIH TLV: 25 PPM skin
- ACGIH TLV: 10 mg/m³
- ACGIH TLV: 50 PPM

Additional information: n/a

4 First aid measures

General information: n/a

After inhalation: Remove to fresh air. If not breathing, give artificial respiration. If having difficulty breathing, give oxygen. Get immediate medical attention.

After skin contact: Wash affected area thoroughly with soap and water. Remove contaminated clothes and launder before re-use.

After eye contact: Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

After swallowing: n/a

5 Fire-fighting measures

General information: This product does not support combustion and is non-flammable.

Flash point: n/a

Suitable extinguishing agents: For the dried product, use carbon dioxide, dry chemical, or alcohol foam.

Hazardous combustion products: As supplied material is combustible; however, dried residue is combustible similar wood. Burning dry residue emits smoke.

Protective equipment: n/a

Firefighting instructions: Wear positive pressure self-contained breathing apparatus

6 Accidental release measures

Measures for environmental protection: Keep spilled products out of sewers, streams, and water systems.

Measures for cleaning/collection: For dry material, collect by sweeping and scooping. Transfer collected material to a container, being careful to minimize creation of dust. For wet material, scoop material up and transfer to an open container. Allow material to dry before disposal.

Additional information: See section 13 and 15 for specific regulatory information concerning this product.
7 Handling and storage

Handling:
Wear appropriate protective equipment when working with this product. Promptly remove dusty clothing, or clothing wet with product mix, and launder before re-using. Wash thoroughly after exposure to product mixtures. Keep out of reach of children.

Storage:
Store in a dry location. Atmospheric temperatures and pressures do not affect the shelf life of this product.

8 Exposure controls/personal protection

Additional information about design of technical facilities: n/a

Additional information:
The lists valid during the making were used as a basis.

Personal protective equipment:

ventilation
Use local exhaust. General exhaust acceptable if the exposure to materials above is maintained below applicable exposure limits. Refer to OSHA Standards 1910.94, 1910.107, and 1910.108.

respiratory protection
If personal exposure cannot or may not be controlled below applicable limits by ventilation, wear properly fitted respirator approved by NIOSH/MSHA for protection against materials described above.

eye protection
Wear safety glasses to reduce the potential for eye contact.

skin protection
Prevent prolonged or repeated contact by using rubber gloves and appropriate protective clothing.

9 Physical and chemical properties

| General information: | Fluid |
| form | Fluid |
| color | Tinted viscous liquid |
| odor | mild odor. |
| pH | N/A |
| Change in condition: | |
| melting point/melting point range | N/A |
| boiling point/boiling point range | N/A |
| evaporation rate: | <1(butyl/acetate) |
| vapor density: | >1 |
| Specific gravity: | 1.04 |
| Solubility in/Miscibility with water: | Dispersible |
| Density at 20°C: | N/A |
| VOC: | .0.01lb/gal |

10 Stability and reactivity

Conditions to be avoided: Avoid excessive heat.

Chemical stability: Stable

Materials to be avoided: Can react vigorously with strong oxidizing agents, liquids or mineral acids, and strong mineral or organic bases especially primary and secondary aliphatic amines

Hazardous polymerization: Will not occur

Dangerous decomposition products:
Carbon Dioxide and Carbon Monoxide.
### Toxicological information

<table>
<thead>
<tr>
<th>Acute toxicity:</th>
<th>n/a</th>
</tr>
</thead>
</table>

**Primary irritant effect:**
- **on the skin**: Exposure of skin to wet stucco mix may cause chemical burns. Symptoms of exposure may take several hours to manifest.
- **on the eye**: Exposure of eyes to wet stucco mix may cause chemical burns and blindness. Exposure to airborne dust can cause immediate or delayed irritation or inflammation.
- **through ingestion**: n/a
- **through inhalation**: Dust generated during handling this stucco concentrate may cause irritation to the respiratory tract.

**Additional toxicological information:** n/a

### Ecological information

| Elimination (persistence and degradability): | n/a |
| Behavior in environmental systems: | n/a |
| Mobility and bioaccumulation potential: | n/a |

**General notes:** n/a

### Disposal considerations

**Product recommendation:** This product must be disposed of in accordance with applicable local, state and federal regulations. Where possible, it is best to use up any excess material.

**Uncleansed packaging recommendation:** Disposal must be made according to official regulations.

### Transport information

**Land transport** USDOT
Not classified as a dangerous good under transport regulations

**Sea transport** IMDG
Not classified as a dangerous good under transport regulations

**Air transport** IATA/ICAO
Not classified as a dangerous good under transport regulations

### Regulatory information

**US Federal regulations**

| CERCLA, section 103 (40CFR302.4) |
---|---|
This product contains the following toxic chemicals that require notification of the National Response Center of releases of quantities of hazardous substances equal to or greater than the Reportable Quantities (RQ): |
No reportable quantities are present.

| Clean Air Act, section 112 |
---|---|
This product contains the following components present at or above the minimum level and listed as Hazardous or Extremely Hazardous Air Pollutants: |
No reportable quantities are present.

| SARA, section 302 (40CFR355.30) and section 304 (40CFR355.40) |
---|---|
This product contains the following items that require emergency planning based on Threshold Planning Quantities (TPQ) or release reporting based on RQ: |
No reportable quantities are present.

| SARA, section 311/312 (40CFR370.21) Hazard classification for this product |
---|---|---|
**Fire:** No **Pressure generating:** No **Reactivity:** No |
**Acute health:** Yes **Chronic health:** Yes
### SARA, section 313 (40CFR372.65)

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986:

No reportable quantities are present.

### EPA VOC regulations

Theoretical VOC for this product = .01lb/gal

### TSCA

All components of this product are listed, or are exempt from listing on the TSCA inventory.

### OSHA

This Safety Data Sheet is prepared to comply with the United States Occupational Safety and Health Administration (OSHA) Hazard Communication Standard (29 CFR1910.1200). Unlisted ingredients are not ‘hazardous’ per OSHA standards.

In addition to items listed in Section 11, this product contains the following items that are specifically regulated by OSHA. Exposure limits may be found in Section 8.

<table>
<thead>
<tr>
<th>Substance</th>
<th>CAS#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Titanium Dioxide</td>
<td>13463-67-7</td>
</tr>
</tbody>
</table>

### State regulations

**California**

Warning - The following chemicals are present in this coating product in small amounts. These chemicals are listed by the California EPA as materials known to the State of California to cause cancer, (and/or) birth defects, (and/or) other reproductive harm:

No reportable quantities are present.

### 16 Other information

The information and recommendation set forth herein are believed to be accurate. Because some of the information used to prepare this document is derived from information provided to PAREXUSA, Inc. from its suppliers, and because PAREXUSA, Inc. has no control over the conditions of handling and use, PAREXUSA, Inc. makes no warranty, expressed or implied, regarding the accuracy of the data or the results to be obtained from the use thereof and assumes no responsibility from use or reliance thereon. It is the responsibility of the user of PAREXUSA, Inc. products to comply with all applicable federal, state, and local laws and regulations.