# SECTION 1: Identification of the substance/mixture and of the company/undertaking

## 1.1. Product identifier
- **Product form**: Mixture
- **Product name**: Coated Limestone
- **Product code**: C-MS-AT-2001ADCOATLS
- **Other means of identification**: HI-PFLEX® 100, PFINYL® 402, K3T, DRITHERM

## 1.2. Relevant identified uses of the substance or mixture and uses advised against
- **Use of the substance/mixture**: Mineral Additive

## 1.3. Details of the supplier of the safety data sheet
- Specialty Minerals Inc.,
  260 Columbia Street,
  Adams,
  MA 01220
  U.S.A
- Tel. 1-877-684-7627

## 1.4. Emergency telephone number
- **Emergency number**: +1 760-476-3962
  3E Global Emergency Response Services. Access code: 333336 (if you mention SDS name and company name-you don’t need the access code)

# SECTION 2: Hazards identification

## 2.1. Classification of the substance or mixture
- **Classification (GHS-US)**
  - Carc. 1A H350

## 2.2. Label elements
- **GHS-US labeling**
  - **Hazard pictograms (GHS-US)**
    - [Image of pictogram]
  - **Signal word (GHS-US)**: Danger
  - **Hazard statements (GHS-US)**: H350 - May cause cancer (Inhalation)
  - **Precautionary statements (GHS-US)**:
    - P201 - Obtain special instructions before use
    - P202 - Do not handle until all safety precautions have been read and understood
    - P260 - Do not breathe dust
    - P280 - Wear eye protection, protective gloves, protective clothing
    - P308+P313 - If exposed or concerned: Get medical advice/attention
    - P405 - Store locked up

## 2.3. Other hazards
- **Other hazards not contributing to the classification**: Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

## 2.4. Unknown acute toxicity (GHS-US)
- **No data available**

# SECTION 3: Composition/information on ingredients

## 3.1. Substance
- **Not applicable**

## 3.2. Mixture
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<table>
<thead>
<tr>
<th>Name</th>
<th>Product identifier</th>
<th>%</th>
<th>Classification (GHS-US)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium Carbonate</td>
<td>(CAS No) 1317-65-3</td>
<td>95 - 99</td>
<td>Not classified</td>
</tr>
<tr>
<td>Stearic acid</td>
<td>(CAS No) 57-11-4</td>
<td>1 - 5</td>
<td>Not classified</td>
</tr>
<tr>
<td>Quartz (fine fraction)</td>
<td>(CAS No) 14808-60-7</td>
<td>0.1 - 1.0</td>
<td>Carc. 1A, H350 STOT SE 3, H335 STOT SE 1, H370</td>
</tr>
</tbody>
</table>

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: IF INHALED: Remove person to fresh air and keep comfortable for breathing. If symptoms develop obtain medical attention.

First-aid measures after skin contact: Remove contaminated clothing immediately and wash affected skin with plenty of water or soap and water. If skin irritation occurs: Get medical advice/attention.

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. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion: Rinse mouth. Do NOT induce vomiting. Drink plenty of water. If symptoms develop, obtain medical attention.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries: Not expected to present a significant hazard under anticipated conditions of normal use.

4.3. Indication of any immediate medical attention and special treatment needed

Not applicable.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media: Not combustible. Use extinguishing media appropriate for surrounding fire.

Unsuitable extinguishing media: None.

5.2. Special hazards arising from the substance or mixture

Reactivity: Reacts violently with acids.

5.3. Advice for firefighters

Protection during firefighting: Fire fighters should wear complete protective clothing including self-contained breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.1.1. For non-emergency personnel

Emergency procedures: Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment: Wear suitable protective clothing and eye or face protection.

Emergency procedures: Ventilate area. Avoid dust formation. Do not breathe dust.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Sweep or shovel spills into appropriate container for disposal.

6.4. Reference to other sections

SECTION 8: Exposure controls/personal protection. SECTION 13: Disposal considerations.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Use only outdoors or in a well-ventilated area. Avoid dust formation. Do not breathe dust. Avoid contact with skin, eyes and clothing. Keep/Store away from Incompatible materials.
7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Keep only in the original container in a cool, well ventilated place away from incompatible materials. Keep container closed when not in use.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Quartz (fine fraction) (14808-60-7)

<table>
<thead>
<tr>
<th></th>
<th>ACGIH TWA (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA ACGIH</td>
<td>0.025</td>
<td>0.1</td>
</tr>
<tr>
<td>USA OSHA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Calcium Carbonate (1317-65-3)

<table>
<thead>
<tr>
<th></th>
<th>NIOSH REL (TWA) (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>USA - NIOSH</td>
<td></td>
<td>10 mg/m³ Total dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³ respirable dust</td>
</tr>
<tr>
<td>USA OSHA</td>
<td></td>
<td>15 mg/m³ Total dust</td>
</tr>
<tr>
<td></td>
<td></td>
<td>5 mg/m³ Respirable Fraction</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Provide adequate ventilation, including appropriate local extraction, to ensure that occupational exposure limits are not exceeded.

Personal protective equipment: Avoid all unnecessary exposure.

Hand protection: In case of repeated or prolonged contact wear gloves.

Eye protection: Wear safety glasses with side shields.

Skin and body protection: Not required for normal conditions of use.

Respiratory protection: In case of insufficient ventilation and possible dust formation, wear suitable respiratory equipment.

Thermal hazard protection: Not required for normal conditions of use.

Environmental exposure controls: Avoid release to the environment.

Other information: Do not eat, drink or smoke during use.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state: Solid

Appearance: Dry powder.

Color: White.

Odor: odorless

Odor threshold: No data available

pH: 7 - 9 (20 °C)

Relative evaporation rate (butyl acetate=1): No data available

Melting point: Not applicable

Freezing point: No data available

Boiling point: Not applicable

Flash point: No data available

Auto-ignition temperature: No data available

Decomposition temperature: > 450 °C

Flammability (solid, gas): No data available

Vapor pressure: No data available

Relative vapor density at 20 °C: No data available

Relative density: 2.71 (limestone)

Solubility: Partially soluble.

Water:

Log Pow: No data available
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Log Kow
: Not relevant for inorganic substances

Viscosity, kinematic
: No data available

Viscosity, dynamic
: No data available

Explosive properties
: Not applicable.

Oxidizing properties
: Not oxidizing.

Explosive limits
: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity
Reacts violently with acids.

10.2. Chemical stability
Stable under normal conditions.

10.3. Possibility of hazardous reactions
Can react violently with acids.

10.4. Conditions to avoid
Heat.

10.5. Incompatible materials
Acids.

10.6. Hazardous decomposition products
Carbon dioxide.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity
: Not classified. Not classified.

Skin corrosion/irritation
: Not classified
pH: 7 - 9 (20 °C)

Serious eye damage/irritation
: Not classified
pH: 7 - 9 (20 °C)

Respiratory or skin sensitization
: Not classified

Germ cell mutagenicity
: Not classified
Based on available data, the classification criteria are not met

Carcinogenicity
: May cause cancer (Inhalation).

Quartz (fine fraction) (14808-60-7)

IARC group
1 - Carcinogenic to humans

Reproductive toxicity
: Not classified
Based on available data, the classification criteria are not met

Specific target organ toxicity (single exposure)
: Not classified.

Coated Limestone

NOAEL (oral,rat)
: 1000 mg/kg body weight (OECD Guideline 422)

Specific target organ toxicity (repeated exposure)
: Not classified
Based on available data, the classification criteria are not met

Aspiration hazard
: Not classified
Based on available data, the classification criteria are not met

Potential Adverse human health effects and symptoms
: Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

12.1. Toxicity
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### Coated Limestone

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>ErC50 (algae)</td>
<td>&gt; 14 mg/l Desmodesmus subspicatus-OECD 201</td>
</tr>
</tbody>
</table>

#### 12.2. Persistence and degradability

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Persistence and degradability</td>
<td>Not relevant for inorganic substances.</td>
</tr>
</tbody>
</table>

#### 12.3. Bioaccumulative potential

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Log Kow</td>
<td>Not relevant for inorganic substances</td>
</tr>
<tr>
<td>Bioaccumulative potential</td>
<td>Bioaccumulation unlikely.</td>
</tr>
</tbody>
</table>

#### 12.4. Mobility in soil

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ecology - soil</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

#### 12.5. Other adverse effects

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Effect on ozone layer</td>
<td>No additional information available</td>
</tr>
<tr>
<td>Effect on the global warming</td>
<td>No known ecological damage caused by this product.</td>
</tr>
<tr>
<td>Other information</td>
<td>Avoid release to the environment.</td>
</tr>
</tbody>
</table>

#### SECTION 13: Disposal considerations

##### 13.1. Waste treatment methods

Waste treatment methods: Dispose in a safe manner in accordance with local/national regulations.

#### SECTION 14: Transport information

In accordance with DOT
Not regulated for transport

Other information: No supplementary information available.

**Transport by sea**

Proper Shipping Name (IMDG): Not applicable

**Air transport**

Proper Shipping Name (IATA): Not applicable

#### 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.

This product or mixture does not contain a toxic chemical or chemicals in excess of the applicable de minimis concentration as specified in 40 CFR §372.38(a) subject to the reporting requirements of section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 and 40 CFR Part 372.

##### 15.2. International regulations

**CANADA**

No additional information available

##### 15.2. National regulations

**Coated Limestone**

Generally, our Coated Limestone products use proprietary coatings which are approved under FDA food additive regulations at 21 CFR 172.860 as materials “which may be safely used in food and in the manufacture of food components”

##### 15.3. US State regulations

California Proposition 65 - This product contains, or may contain, trace quantities of a substance(s) known to the state of California to cause cancer and/or reproductive toxicity
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Quartz (fine fraction) (14808-60-7)

<table>
<thead>
<tr>
<th>U.S. - California - Proposition 65 - Carcinogens List</th>
<th>U.S. - California - Proposition 65 - Developmental Toxicity</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Female</th>
<th>U.S. - California - Proposition 65 - Reproductive Toxicity - Male</th>
<th>No significance risk level (NSRL)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Quartz (fine fraction) (14808-60-7)

<table>
<thead>
<tr>
<th>U.S. - New Jersey - Right to Know Hazardous Substance List</th>
<th>U.S. - Massachusetts - Right To Know List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Calcium Carbonate (1317-65-3)

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<tr>
<th>U.S. - New Jersey - Right to Know Hazardous Substance List</th>
<th>U.S. - Massachusetts - Right To Know List</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SECTION 16: Other information

Revision date : 03/17/2015
ACGIH Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
IARC Monographs on the Evaluation Carcinogenic Risks to Humans World Health Organization
EU Directive 1999/45/EC
ACGIH, Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices
Abbreviations and acronyms : CAS (Chemical Abstracts Service) number, IARC (International Agency for Research on Cancer), LC50 (Lethal Concentration 50%), LD50 (Lethal Dose 50%), EC50 (Effective Concentration 50%), PBT (Persistent, bioaccumulative and toxic), vPvB (very persistent and very bioaccumulative), REACH (Registration, Evaluation and Authorisation of Chemicals), CLP (Classification, Labeling and Packaging), DNEL (Derived no effect limit), OECD (Organisation for Economic Co-operation and Development), PNEC (predicted no effect concentration), UNxxxx (Number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods), ADR (Accord européen relatif au transport international des marchandises Dangereuses par Route), ATE (Acute Toxicity Estimate), EC (European Community), EN (European Norm), IATA (International Air Transport Association), IBC (Intermediate Bulk Container), IMDG (International Maritime Dangerous Goods Code), IMO (International Maritime Organisation), MAC (Maximal Allowed Concentration), O/W (Oil-in-Water (chemistry)), PMcc (Pensky-Martens Closed Cup test), RID (Règlement concernant le transport international ferroviaire de marchandises), STEL (Short Term Exposure Limit), TWA (Time Weighted Average), DMEL (Derived minimum effect level), BCF (Bioconcentration factor), ES (Exposure scenario), EPISUITE (Estimation Program Interface (EPI) Suite), EWC (European Waste Catalogue), IOELV (Indicative Occupational Exposure Limit), Koc (Soil adsorption coefficient), LLNA (The Mouse Local Lymph Node Assay), LOAEC (Lowest observed adverse effect concentration), NOAEC (No observed adverse effect concentration), NOAEL (No observed adverse effect leve), OEL (Occupational exposure limit), Repr (Toxicity for reproduction), SCL (Specific Concentration Limit), SCOEL (Scientific Committee on Occupational Exposure Limits), STOT RE (Specific target organ toxicity (repeated exposure)), STOT SE (Specific target organ toxicity (single exposure)), Other information : None.

Full text of H-phrases: see section 16:

| Carc. 1A | Carcinogenicity Category 1A |
| STOT SE 1 | Specific target organ toxicity (single exposure) Category 1 |
| STOT SE 3 | Specific target organ toxicity (single exposure) Category 3 |
| H335 | May cause respiratory irritation |
| H350 | May cause cancer |
**Coated Limestone**

**Safety Data Sheet**

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<table>
<thead>
<tr>
<th>H370</th>
<th>Causes damage to organs</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1 - Exposure could cause irritation but only minor residual injury even if no treatment is given.</td>
</tr>
<tr>
<td></td>
<td>0 - Materials that will not burn.</td>
</tr>
<tr>
<td></td>
<td>0 - Normally stable, even under fire exposure conditions, and are not reactive with water.</td>
</tr>
</tbody>
</table>

**HMI III Rating**

<table>
<thead>
<tr>
<th>Health</th>
<th>1 Slight Hazard - Irritation or minor reversible injury possible,* Chronic Hazard - Chronic (long-term) health effects may result from repeated overexposure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flammability</td>
<td>0 Minimal Hazard</td>
</tr>
<tr>
<td>Physical</td>
<td>0 Minimal Hazard</td>
</tr>
<tr>
<td>Personal Protection</td>
<td>E</td>
</tr>
</tbody>
</table>

NCEC SDS US (GHS HazCom 2012) V14_1

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