Safety Data Sheet

Section 1: Identification

Product identifier

Product Name: Vinylrock
Synonyms: (Vinylrock)

Relevant identified uses of the substance or mixture and uses advised against

Recommended use: Consult manufacturer for the recommended product use

Details of the supplier of the safety data sheet

Manufacturer: CertainTeed Ceilings
20 Moores Rd.
Malvern, PA 19355
United States

Telephone (General): 800-782-8777

Emergency telephone number

Manufacturer: 800-782-8777

Section 2: Hazard Identification

United States (US)
According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012: Not classified

Label elements

OSHA HCS 2012:

Hazard statements: No label element(s) required

Other hazards

OSHA HCS 2012: This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

Canada
According to: WHMIS

Classification of the substance or mixture

WHMIS: Not classified

Label elements

WHMIS: No label element(s) required.

Other hazards
In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

Section 3 - Composition/Information on Ingredients

Substances

- Material does not meet the criteria of a substance.

Mixtures

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>Identifiers</th>
<th>%</th>
<th>LD50/LC50</th>
<th>Classifications According to Regulation/Directive</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose</td>
<td>CAS:65996-61-4</td>
<td>1% TO 4.75%</td>
<td>NDA</td>
<td>OSHA HCS 2012: Comb. Dust</td>
<td>NDA</td>
</tr>
<tr>
<td>Cellulose</td>
<td>CAS:9004-34-6</td>
<td>0.93% TO 4.65%</td>
<td>Ingestion/Oral-Rat LD50 • &gt;5 g/kg</td>
<td>OSHA HCS 2012: Comb. Dust</td>
<td>NDA</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Inhilation-Rat LC50 • &gt;5800 mg/m³ 4 Hour(s)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Skin-Rabbit LD50 • &gt;2 g/kg</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section 4: First-Aid Measures

Description of first aid measures

Inhalation
- Move victim to fresh air. Give artificial respiration if victim is not breathing. Administer oxygen if breathing is difficult. If signs/symptoms continue, get medical attention.

Skin
- In case of contact with substance, immediately flush skin with running water for at least 20 minutes.

Eye
- In case of contact with substance, immediately flush eyes with running water for at least 20 minutes. If eye irritation persists: Get medical advice/attention.

Ingestion
- Rinse mouth. Do not give anything by mouth to an unconscious person.

Most important symptoms and effects, both acute and delayed
- Refer to Section 11 - Toxicological Information.

Indication of any immediate medical attention and special treatment needed
- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

Section 5: Fire-Fighting Measures

Extinguishing media

Suitable Extinguishing Media
- LARGE FIRE: Water spray, fog or regular foam.
- SMALL FIRES: Dry chemical, CO2, water spray or regular foam.

Unsuitable Extinguishing Media
- No data available
Unusual Fire and Explosion Hazards
- No data available

Hazardous Combustion Products
- No data available

Advice for firefighters
- Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters’ protective clothing will only provide limited protection.

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions
- Ventilate enclosed areas. Do not walk through spilled material. Use appropriate Personal Protective Equipment (PPE)

Emergency Procedures
- As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions. If tank, rail car or tank truck is involved in a fire, ISOLATE for 800 meters (1/2 mile) in all directions; also, consider initial evacuation for 800 meters (1/2 mile) in all directions. Keep unauthorized personnel away.

Environmental precautions
- Prevent entry into waterways, sewers, basements or confined areas.

Methods and material for containment and cleaning up

Containment/Clean-up Measures
- Avoid generating dust.
- Pick up large pieces. Vacuum dust. If sweeping is necessary, use a dust suppressant such as water. These procedures will help to minimize potential exposures. Scoop up material and put into a suitable container for disposal.

Section 7 - Handling and Storage

Precautions for safe handling

Handling
- Use only in well ventilated areas. Minimize dust generation and accumulation. Avoid high humidity climates for long periods of time. Product damage can occur but will not result in any health or safety concerns. Wear protective glasses and gloves. If exposure limits are exceeded wear appropriate respiratory protection. Do not breathe dust. Avoid contact with skin, eyes, and clothing. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage
- Keep out of reach of children. Store flat in a dry area. Protect from water and moisture. See Section 13 for disposal considerations.

Section 8 - Exposure Controls/Personal Protection

Control parameters

<table>
<thead>
<tr>
<th>Exposure Limits/Guidelines</th>
<th>ACGIH</th>
<th>NIOSH</th>
<th>OSHA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Result</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>TWAs</td>
<td>10 mg/m3 TWA</td>
<td>10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)</td>
<td>15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)</td>
</tr>
</tbody>
</table>

Exposure Limits Supplemental

ACGIH
- Cellulose (9004-34-6): TLV Basis - Critical Effects: (upper respiratory tract irritation)

Exposure controls
Engineering Measures/Controls

- It is recommended that dust control equipment such as local exhaust ventilation and material transport systems involved in handling of this product contain explosion relief vents or an explosion suppression system or an oxygen-deficient environment. Ensure that dust handling systems (such as exhaust ducts, dust collectors, vessels and processing equipment) are designed in a manner to prevent the escape of dust into the work area (i.e., there is not leakage from the equipment).

Personal Protective Equipment

Respiratory

- For limited exposure use an N95 dust mask. For prolonged exposure use an air-purifying respirator with high efficiency particulate air (HEPA) filters. Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety goggles.

Skin/Body

- Wear appropriate gloves. Wear long sleeves and/or protective coveralls.

Environmental Exposure Controls

- Follow best practice for site management and disposal of waste.

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene
NIOSH = National Institute of Occupational Safety and Health
OSHA = Occupational Safety and Health Administration

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)
TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

<table>
<thead>
<tr>
<th>Material Description</th>
<th>Physical Form</th>
<th>Appearance/Description</th>
<th>General Properties</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Solid</td>
<td>White, vinyl faced, laminated acoustical ceiling tile with earthy colored core and odor.</td>
<td>Boiling Point: No data available</td>
</tr>
<tr>
<td>Color</td>
<td>White and earthy.</td>
<td>Odor: Earthy</td>
<td>Melting Point/Freezing Point: No data available</td>
</tr>
<tr>
<td>Odor Threshold</td>
<td>No data available</td>
<td></td>
<td>Decomposition Temperature: 1450 °C(2642 °F)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>pH: No data available</td>
</tr>
<tr>
<td>Specific Gravity/Relative Density</td>
<td>2.3 to 2.37 Water=1</td>
<td>Water Solubility: Slightly Soluble 0.1 to 1 %</td>
<td>Specific Gravity/Relative Density: No data available</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No data available</td>
<td></td>
<td>Viscoity: No data available</td>
</tr>
<tr>
<td>Volatility</td>
<td>No data available</td>
<td>Vapor Density: No data available</td>
<td>Vapor Pressure: No data available</td>
</tr>
<tr>
<td>Evaporation Rate</td>
<td>No data available</td>
<td></td>
<td>Evaporation Rate: No data available</td>
</tr>
<tr>
<td>Flammability</td>
<td>No data available</td>
<td>UEL: No data available</td>
<td>Flash Point: No data available</td>
</tr>
<tr>
<td>LEL</td>
<td>No data available</td>
<td>Autoignition: No data available</td>
<td>LEL: No data available</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No data available</td>
<td></td>
<td>Flammability (solid, gas): No data available</td>
</tr>
<tr>
<td>Environmental</td>
<td>No data available</td>
<td>Octanol/Water Partition coefficient: No data available</td>
<td>Environmental: No data available</td>
</tr>
</tbody>
</table>

Section 10: Stability and Reactivity

Reactivity

Preparation Date: 31/May/2016
Revision Date: 07/June/2016
• No dangerous reaction known under conditions of normal use.

**Chemical stability**
• Stable under normal temperatures and pressures.

**Possibility of hazardous reactions**
• Hazardous polymerization will not occur.

**Conditions to avoid**
• Avoid creating dusts.

**Incompatible materials**
• None known.

**Hazardous decomposition products**
• Thermal decomposition products may include organic acids, aldehydes, carbon monoxide and carbon dioxide.

### Section 11 - Toxicological Information

#### Information on toxicological effects

<table>
<thead>
<tr>
<th>Components</th>
<th>Acute Toxicity: Ingestion/Oral-Rat LD50 • &gt;5 g/kg; Inhalation-Rat LC50 • &gt;5800 mg/m³ 4 Hour(s); Skin-Rabbit LD50 • &gt;2 g/kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose (0.93% TO 4.65%)</td>
<td>9004-34-6</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>GHS Properties</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Skin corrosion/Irritation</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Serious eye damage/Irritation</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Skin sensitization</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Respiratory sensitization</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Aspiration Hazard</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Germ Cell Mutagenicity</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>Toxicity for Reproduction</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>STOT-SE</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
<tr>
<td>STOT-RE</td>
<td>OSHA HCS 2012 • No data available</td>
</tr>
</tbody>
</table>

**Potential Health Effects**

**Inhalation**
- **Acute (Immediate)**
  • Exposure to dust may cause irritation. Processes such as cutting, grinding, crushing, or impact may result in generation of excessive amounts of airborne dusts in the workplace. Nuisance dust may affect the lungs but reactions are typically reversible.

  **Chronic (Delayed)**
  • No data available

**Skin**
- **Acute (Immediate)**
  • Exposure to dust may cause mechanical irritation.

  **Chronic (Delayed)**
  • No data available

**Eye**

---

Preparation Date: 31/May/2016
Revision Date: 07/June/2016

OSHA HCS 2012, WHMIS
Acute (Immediate) • Exposure to dust may cause mechanical irritation. Excessive concentrations of nuisance dust in the workplace may reduce visibility and may cause unpleasant deposits in eyes.

Chronic (Delayed) • No data available

Ingestion

Acute (Immediate) • Excessive concentrations of nuisance dust in the workplace may cause mechanical irritation to mucous membranes.

Chronic (Delayed) • No data available

Mutagenic Effects • Repeated and prolonged exposure may cause mutagenic effects.

Carcinogenic Effects • Due to the product form, exposure to hazardous dusts is not expected to occur during regular use. Information on carcinogenicity is given for reference only. This product is not classifiable as a carcinogen. This product contains crystalline silica as cristobalite and/or quartz. IARC Monographs on Evaluation of Carcinogenic Risk of Chemicals to Humans (Monograph 68, 1997) concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to humans (IARC Group I). Crystalline Silica is classified as a Known Carcinogen according to NTP. Registry of Toxic Effects of Chemical Substances (RTECS) concludes that repeated or prolonged inhalation of glass, oxide, chemicals may cause leukemia.

<table>
<thead>
<tr>
<th>Carcinogenic Effects</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS</td>
</tr>
<tr>
<td>IARC</td>
</tr>
<tr>
<td>NTP</td>
</tr>
<tr>
<td>----------------------</td>
</tr>
<tr>
<td>Crystalline silica</td>
</tr>
<tr>
<td>Group 1-Carcinogenic</td>
</tr>
<tr>
<td>Known Human Carcinogen</td>
</tr>
<tr>
<td>Fiberglass as Glass wool fibers</td>
</tr>
<tr>
<td>Not Listed</td>
</tr>
<tr>
<td>Reasonably Anticipated to be Human Carcinogen</td>
</tr>
</tbody>
</table>

Key to abbreviations
LC = Lethal Concentration
LD = Lethal Dose
TC = Toxic Concentration

Section 12 - Ecological Information

Toxicity • Material data lacking.

Persistence and degradability • Material data lacking.

Bioaccumulative potential • Material data lacking.

Mobility in Soil • Material data lacking.

Other adverse effects • No known significant effects or critical hazards.

Section 13 - Disposal Considerations

Waste treatment methods

Product waste • Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

Packaging waste • Dispose of content and/or container in accordance with local, regional, national, and/or
international regulations.

**Section 14 - Transport Information**

<table>
<thead>
<tr>
<th>UN number</th>
<th>UN proper shipping name</th>
<th>Transport hazard class(es)</th>
<th>Packing group</th>
<th>Environmental hazards</th>
</tr>
</thead>
<tbody>
<tr>
<td>DOT</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>NDA</td>
</tr>
<tr>
<td>TDG</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>Not Applicable</td>
<td>NDA</td>
</tr>
</tbody>
</table>

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code • No data available

**Section 15 - Regulatory Information**

Safety, health and environmental regulations/legislation specific for the substance or mixture

SARA Hazard Classifications • None

### State Right To Know

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose</td>
<td>65996-61-4</td>
<td>No</td>
</tr>
<tr>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>Yes</td>
</tr>
</tbody>
</table>

### Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS</th>
<th>Canada DSL</th>
<th>Canada NDSL</th>
<th>TSCA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose</td>
<td>65996-61-4</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
<tr>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
</tr>
</tbody>
</table>

**Canada**

**Labor**

Canada - WHMIS - Classifications of Substances

- Cellulose 65996-61-4 Not Listed
  - Uncontrolled product according to WHMIS classification criteria (including microcrystalline and paper fibers)

- Cellulose 9004-34-6 Not Listed

Canada - WHMIS - Ingredient Disclosure List

- Cellulose 65996-61-4 Not Listed
- Cellulose 9004-34-6 Not Listed

**Environment**

Canada - CEPA - Priority Substances List

- Cellulose 65996-61-4 Not Listed
- Cellulose 9004-34-6 Not Listed

**United States**

**Labor**

U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals

Preparation Date: 31/May/2016
Revision Date: 07/June/2016
<table>
<thead>
<tr>
<th>Chemical</th>
<th>CAS Number</th>
<th>Regulatory Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cellulose</td>
<td>65996-61-4</td>
<td>Not Listed</td>
</tr>
<tr>
<td>Cellulose</td>
<td>9004-34-6</td>
<td>Not Listed</td>
</tr>
</tbody>
</table>

### Environment

**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - CERCLA/SARA - Section 313 - Emission Reporting**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

### United States - California

**Environment**

**U.S. - California - Proposition 65 - Carcinogens List**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - California - Proposition 65 - Developmental Toxicity**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)**
- Cellulose: 65996-61-4 Not Listed
- Cellulose: 9004-34-6 Not Listed

**U.S. - California - Proposition 65 - Reproductive Toxicity - Female**
- Cellulose: 65996-61-4 Not Listed
• Cellulose 9004-34-6 Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Male
• Cellulose 65996-61-4 Not Listed
• Cellulose 9004-34-6 Not Listed

United States - Pennsylvania
Labor
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List
• Cellulose 65996-61-4 Not Listed
• Cellulose 9004-34-6 Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances
• Cellulose 65996-61-4 Not Listed
• Cellulose 9004-34-6 Not Listed

Other Information
• WARNING: This product contains a chemical known to the State of California to cause cancer.

Section 16 - Other Information

Revision Date 07/June/2016
Preparation Date 31/May/2016
Disclaimer/Statement of Liability
• As of the date of preparation of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with applicable Federal and State Laws. However, no warranty or representation with respect to such information is intended or given.

Key to abbreviations
NDA = No Data Available