

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

WHMIS

- 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

Composition					
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments
Cellulose	CAS:65996-61-4	1% TO 4.75%	NDA	OSHA HCS 2012: Comb. Dust	NDA
Cellulose	CAS:9004-34-6	0.93% TO 4.65%	Ingestion/Oral-Rat LD50 • >5 g/kg Inhalation-Rat LC50 • >5800 mg/m ³ 4 Hour(s) Skin-Rabbit LD50 • >2 g/kg	OSHA HCS 2012: Comb. Dust	NDA

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**Notes to Physician**

- 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

Special hazards arising from the substance or mixture

- 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

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Cellulose (9004-34-6)	TWAs	10 mg/m ³ TWA	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)

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

TLV = Threshold Limit Value determined by the American Conference of Governmental Industrial Hygienists (ACGIH)

NIOSH = National Institute of Occupational Safety and Health

TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

OSHA = Occupational Safety and Health Administration

Section 9 - Physical and Chemical Properties**Information on Physical and Chemical Properties****Material Description**

Physical Form	Solid	Appearance/Description	White, vinyl faced, laminated acoustical ceiling tile with earthy colored core and odor.
Color	White and earthy.	Odor	Earthy
Odor Threshold	No data available		

General Properties

Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	1450 °C(2642 °F)	pH	No data available
Specific Gravity/Relative Density	2.3 to 2.37 Water=1	Water Solubility	Slightly Soluble 0.1 to 1 %
Viscosity	No data available		

Volatility

Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		

Flammability

Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		

Environmental

Octanol/Water Partition coefficient	No data available		
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Section 10: Stability and Reactivity**Reactivity**

- 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

Components		
Cellulose (0.93% TO 4.65%)	9004-34-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • >5 g/kg; Inhalation-Rat LC50 • >5800 mg/m ³ 4 Hour(s); Skin-Rabbit LD50 • >2 g/kg

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

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

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.

Carcinogenic Effects			
	CAS	IARC	NTP
Crystalline silica	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Fiberglass as Glass wool fibers	NDA	Not Listed	Reasonably Anticipated to be Human Carcinogen

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.

international regulations.

Section 14 - Transport Information

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA
TDG	Not Applicable	Not Regulated	Not Applicable	Not Applicable	NDA

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		
Component	CAS	PA
Cellulose	65996-61-4	No
Cellulose	9004-34-6	Yes

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Cellulose	65996-61-4	Yes	No	Yes
Cellulose	9004-34-6	Yes	No	Yes

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		
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			

• Cellulose	65996-61-4	Not Listed
• Cellulose	9004-34-6	Not Listed
U.S. - OSHA - Specifically Regulated Chemicals		
• Cellulose	65996-61-4	Not Listed
• Cellulose	9004-34-6	Not Listed

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
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• 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