

Safety Data Sheet

Section 1: Identification

Product identifier

Product Name • **Open Plan**

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

Recommended use • Consult manufacturer for 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 • 800-424-9300

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 2015

Classification of the substance or mixture

WHMIS 2015 • Not classified

Label elements

WHMIS 2015

Hazard statements • No label element(s) required

Precautionary statements

Other hazards**WHMIS 2015**

- 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
Fibre glass	CAS:65997-17-3	65% TO 85%	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Phenol, polymer with formaldehyde and urea	CAS:25104-55-6	10% TO 15%	Ingestion/Oral-Rat LD50 • 7 g/kg	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Paint-like coating, containing white pigments, fillers, and acrylic copolymers	NDA	< 2.25%	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Rigid PVC film	NDA	0% TO 2%	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Fibrous glass (textile grade)	NDA	< 0.99%	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	NDA
Fibrous glass dust	NDA	N/A	NDA	OSHA HCS 2012: Not Classified WHMIS 2015: Not Classified	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

- Avoid the release of materials to the environment.

Methods and material for containment and cleaning up

Containment/Clean-up Measures • Pick up large pieces, sweep or vacuum material into waste container for disposal. Avoid generating dust. If sweeping is necessary use dust suppressant.

Section 7 - Handling and Storage

Precautions for safe handling

Handling • Use only in well ventilated areas. Minimize dust generation and accumulation. Wear appropriate Personal Protective Equipment (PPE). Avoid breathing dusts generated from this product. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage • Store flat in a dry area.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines						
Result	ACGIH	Canada British Columbia	Canada Manitoba	Canada New Brunswick	Canada Northwest Territories	

Fibre glass	TWAs	1 fiber/cm ³ TWA (respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers) <i>as Glass wool fiber</i>	1 fibre/cm ³ TWA (fibres >5 µm, with an aspect ratio of ≥3:1, as determined by the membrane filter method at 400-450 times magnification (4 mm objective), using phase-contrast illumination, listed under Synthetic vitreous fibres) <i>as Glass wool fiber</i>	1 fiber/cm ³ TWA (respirable fibers with length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, respirable fibers, listed under Synthetic vitreous fibers) <i>as Glass wool fiber</i>	1 fibre/cm ³ TWA (fibres >5 µm with a diameter <3 µm, aspect ratio >5:1) <i>as Glass wool fiber</i>	1 fibre/cm ³ TWA (respirable fibres, listed under Synthetic vitreous fibres) <i>as Glass wool fiber</i>
	STELs	Not established	Not established	Not established	Not established	3 fibre/cm ³ STEL (respirable fibres, listed under Synthetic vitreous fibres) <i>as Glass wool fiber</i>

Exposure Limits/Guidelines (Con't.)

	Result	Canada Nova Scotia	Canada Nunavut	Canada Ontario	Canada Quebec	Canada Yukon
Fibre glass	TWAs	1 fiber/cm ³ TWA (respirable fibers with length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, respirable fibers, listed under Synthetic vitreous fibers) <i>as Glass wool fiber</i>	1 fibre/cm ³ TWA (respirable fibres, listed under Synthetic vitreous fibres) <i>as Glass wool fiber</i>	1 fibre/cm ³ TWA (fibres >5 µm in length and an aspect ratio ≥3:1 as determined by the membrane filter method at 400-450 times magnification (4 -mm objective), using phase-contrast illumination, respirable, listed under Synthetic Vitreous Fibres (Man Made Mineral Fibres)) <i>as Glass wool fiber</i>	1 fibre/cm ³ TWAEV (respirable, listed under Fibres - Artificial Vitreous Mineral Fibres) <i>as Glass wool fiber</i>	30 mppcf TWA (dust or fibrous); 10 mg/m ³ TWA (dust or fibrous)
	STELs	Not established	3 fibre/cm ³ STEL (respirable fibres, listed under Synthetic vitreous fibres) <i>as Glass wool fiber</i>	Not established	Not established	Not established

Exposure Control Notations

ACGIH
 •Fibre glass as Glass wool fiber: **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))

Exposure controls

Engineering Measures/Controls

- Good general ventilation and/or local exhaust ventilation should be used. Ventilation rates should be matched to conditions in order to ensure that concentrations of airborne contaminants are below applicable threshold limit values.

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. Use a NIOSH/MSHA 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

STEL = Short Term Exposure Limits are based on 15-minute exposures

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

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description			
Physical Form	Solid	Appearance/Description	Yellow insulation which may have a faint resin odor.
Color	Yellow	Odor	Faint resin odor.
Odor Threshold	No data available		
General Properties			
Boiling Point	No data available	Melting Point/Freezing Point	No data available
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	0.04 to 0.1 Water=1	Water Solubility	Insoluble
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		

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

- None known.

Incompatible materials

- None known.

Hazardous decomposition products

- Vinyl faced products may emit hydrogen chloride (HCL) in a fire.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Fibre glass (65% TO 85%)	65997-17-3	Tumorigen / Carcinogen: Inhalation-Rat TCl ₀ • 5 mg/m ³ 7 Hour(s) 90 Week(s)-Intermittent; <i>Tumorigenic: Carcinogenic by RTECS criteria; Blood: Leukemia</i>
Phenol, polymer with formaldehyde and urea (10% TO 15%)	25104-55-6	Acute Toxicity: Ingestion/Oral-Rat LD50 • 7 g/kg

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Serious eye damage/Irritation	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Skin sensitization	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Respiratory sensitization	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
STOT-SE	OSHA HCS 2012 • No data available WHMIS 2015 • No data available
STOT-RE	OSHA HCS 2012 • No data available WHMIS 2015 • 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
- Carcinogenic Effects**
 - Due to the product form, exposure to hazardous dusts or fumes is not expected to occur during regular use. Information on carcinogenicity is given for reference only. This product is not classifiable as a carcinogen.

Carcinogenic Effects		
	CAS	NTP
Fibre glass as Glass wool fiber	NDA	Reasonably Anticipated to be Human Carcinogen

Key to abbreviations

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

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

State Right To Know				
Component	CAS	MA	NJ	PA
Fibre glass	65997-17-3	No	No	No
Phenol, polymer with formaldehyde and urea	25104-55-6	No	No	No

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Fibre glass	65997-17-3	Yes	No	Yes
Phenol, polymer with formaldehyde and urea	25104-55-6	Yes	No	Yes

Canada

Labor			
Canada - WHMIS 1988 - Classifications of Substances			
• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed	
• Fibre glass	65997-17-3	Not Listed	
Canada - WHMIS 1988 - Ingredient Disclosure List			
• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed	
• Fibre glass	65997-17-3	Not Listed	

Environment			
Canada - CEPA - Priority Substances List			
• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed	
• Fibre glass	65997-17-3	Not Listed	

Canada British Columbia

Environment			
Canada - British Columbia - Ozone Depleting Substances			
• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed	
• Fibre glass	65997-17-3	Not Listed	

Canada Manitoba

Environment**Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 1**

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 2

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Canada Nova Scotia**Environment****Canada - Nova Scotia - Ozone Layer Protection Regulations**

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Canada Ontario**Environment****Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 1 Substances**

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Class 2 Substances

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Canada - Ontario - Ozone Depleting Substances and Other Halocarbons - Halocarbons

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Canada Yukon**Environment****Canada - Yukon - Ozone Depleting Substances and Other Halocarbons**

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

United States**Labor****U.S. - OSHA - Process Safety Management - Highly Hazardous Chemicals**

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

U.S. - OSHA - Specifically Regulated Chemicals

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

Environment**U.S. - CAA (Clean Air Act) - 1990 Hazardous Air Pollutants**

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

- | | | |
|----------------------------------------------|------------|------------|
| • Phenol, polymer with formaldehyde and urea | 25104-55-6 | Not Listed |
| • Fibre glass | 65997-17-3 | Not Listed |

U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CERCLA/SARA - Section 313 - Emission Reporting

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CWA (Clean Water Act) - Hazardous Substances

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CWA (Clean Water Act) - Priority Pollutants

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CWA (Clean Water Act) - Reportable Quantities of Designated Hazardous Substances

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - CWA (Clean Water Act) - Toxic Pollutants

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

United States - California**Environment****U.S. - California - Proposition 65 - Carcinogens List**

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - California - Proposition 65 - Developmental Toxicity

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - California - Proposition 65 - Reproductive Toxicity - Female

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
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• Fibre glass	65997-17-3	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

United States - Pennsylvania

Labor

U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances

• Phenol, polymer with formaldehyde and urea	25104-55-6	Not Listed
• Fibre glass	65997-17-3	Not Listed

Section 16 - Other Information

Revision Date	• 13/June/2018
Preparation Date	• 03/August/2009
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