

Safety Data Sheet



Section 1: Identification

- Product identifier** • **Mineral Board Formula 7C**
- Product Name**
- Synonyms** • AP Board, Ascend; Avalon; Avalon Dimensions; Baroque; Baroque Customline; Directional Fissured; Fine Fissured; Fine Fissured Customline; Grenada; Hampton; Malibu; Rio; Sand Micro; Sand Micro Customline; School Board; Serene; Vantage 10
- Product Description** • White/Colored fibrous acoustical ceiling panel face, beige-grey core.
- Relevant identified uses of the substance or mixture and uses advised against**
- Recommended use** • Acoustical lay in panel for sound absorption and/or blocking
- Details of the supplier of the safety data sheet**
- Manufacturer** • CertainTeed Ceilings
750 E. Swedesford Road
Valley Forge, PA 19482
United States
- Telephone (General) • 215-274-2410
- Emergency telephone number**

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

- OSHA HCS 2012** • Carcinogenicity 1A
Specific Target Organ Toxicity Repeated Exposure 1
Combustible Dust

Label elements

OSHA HCS 2012

DANGER



- Hazard statements** • May cause cancer.
Causes damage to organs through prolonged or repeated exposure.
May form combustible dust concentrations in air.

Precautionary statements

- Prevention** • Obtain special instructions before use.
Do not handle until all safety precautions have been read and understood.
Do not breathe dust.
Wash thoroughly after handling.
Do not eat, drink or smoke when using this product.

Wear protective gloves/protective clothing/eye protection/face protection.

Response • IF exposed or concerned: Get medical advice/attention.
Get medical advice/attention if you feel unwell.

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

Other hazards

OSHA HCS 2012

- Under United States Regulations (29 CFR 1900.1200 - Hazard Communication Standard) this product is considered Hazardous.

Canada

According to: WHMIS

Classification of the substance or mixture

WHMIS

- Other Toxic Effects - D2A

Label elements

WHMIS



- Other Toxic Effects - D2A

Other hazards

WHMIS

- May form combustible dust concentrations in air.
In Canada, the product mentioned above is 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
Glass, oxide, chemicals	CAS:65997-17-3	9.5% TO 50%	NDA	OSHA HCS 2012: Not Classified	NDA
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	CAS:64742-65-0	< 2.5%	NDA	OSHA HCS 2012: Not Classified	NDA
Perlite	CAS:93763-70-3	10% TO 60%	Ingestion/Oral-Mouse LD50 • 12960 mg/kg	OSHA HCS 2012: Not Classified	NDA
Cellulose	CAS:65996-61-4	1% TO 38%	NDA	OSHA HCS 2012: Comb. Dust	NDA
Carbonic acid calcium salt (1:1)	CAS:471-34-1	< 0.4%	Ingestion/Oral-Rat LD50 • 6450 mg/kg	OSHA HCS 2012: Eye Irrit. 2	NDA
Starch	CAS:9005-84-9	1% TO 20%	NDA	OSHA HCS 2012: Comb. Dust	NDA

Limestone	CAS:1317-65-3	3.96% TO 8%	NDA	OSHA HCS 2012: Not Classified	NDA
Quartz	CAS:14808-60-7	0.044% TO 1.088%	NDA	OSHA HCS 2012: Carc. 1A; STOT RE 1 (Lungs/Inhalation)	NDA
Polyvinyl alcohol	CAS:9002-89-5	< 1%	Ingestion/Oral-Rat LD50 • >20 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** • Avoid generating dust; fine dust dispersed in air in sufficient concentrations, and in the presence of an ignition source is a potential dust explosion hazard.

- 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

- ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). 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. Use clean nonsparking tools to collect material. Broken or damaged tiles should be picked up and placed in a container. Dust generated from making modifications of tile should be cleaned by wet wiping or filtered vacuuming. Dust deposits should not be allowed to accumulate on surfaces, as these may form an explosive mixture if they are released into the atmosphere in sufficient concentration. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air).

Section 7 - Handling and Storage

Precautions for safe handling

Handling

- Use only in well ventilated areas. Keep away from heat, sparks, and flame. Avoid high humidity climates for long periods of time. Product damage can occur but will not result in any health or safety concerns. Wear appropriate personal protective equipment, avoid direct contact. Do not breathe dust. Avoid contact with skin, eyes, and clothing. Minimize dust generation and accumulation. Routine housekeeping should be instituted to ensure that dusts do not accumulate on surfaces. Dry powders can build static electricity charges when subjected to the friction of transfer and mixing operations. Provide adequate precautions, such as electrical grounding and bonding, or inert atmospheres. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

Conditions for safe storage, including any incompatibilities

Storage

- Keep container closed. Store in a cool, dry, well ventilated area. Store in low humidity.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Quartz (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.05 mg/m ³ TWA (respirable dust)	Not established
Carbonic acid calcium salt (1:1) (471-34-1)	TWAs	Not established	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	Not established
Limestone (1317-65-3)	TWAs	Not established	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)
Glass, oxide, chemicals	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>	3 fiber/cm ³ TWA (fibers <= 3.5 µm in diameter and >= 10 µm in length); 5 mg/m ³ TWA (total) <i>as Glass wool fiber</i>	Not established
Perlite (93763-70-3)	TWAs	Not established	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	Not established

Exposure Control Notations**ACGIH**

- Glass, oxide, chemicals as Glass wool fiber: **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))
- Quartz (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

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

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	No data available
Color	White/gray	Odor	Earthy
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	2 to 2.5 Water=1	Water Solubility	Negligible < 0.1 %
Viscosity	No data available	Oxidizing Properties:	No data available
Volatility			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Wt.)	< 0.1 lbs/gal
Flammability			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	Not flammable.		
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

- Avoid creating dusts. Keep away from heat, sparks, and flame.

Incompatible materials

- No data available

Hazardous decomposition products

- None known.

Section 11 - Toxicological Information

Information on toxicological effects

Components		
Glass, oxide, chemicals (9.5% TO 50%)	65997-17-3	Tumorigen / Carcinogen: Inhalation-Rat TClO • 5 mg/m ³ 7 Hour(s) 90 Week(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria; Blood:Leukemia</i>
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment) (< 2.5%)	64742-65-0	Acute Toxicity: Ingestion/Oral-Rat LDLo • >5 g/kg; Skin-Rabbit LDLo • >5 g/kg; Tumorigen / Carcinogen: Skin-Mouse • 389 g/kg 78 Week(s)-Intermittent; <i>Tumorigenic:Equivocal tumorigenic agent by RTECS criteria; Skin and Appendages:Other:Tumors; Tumorigenic:Tumors at site of application</i>
Perlite (10% TO 60%)	93763-70-3	Acute Toxicity: Ingestion/Oral-Mouse LD50 • 12960 mg/kg
Carbonic acid calcium salt (1:1) (< 0.4%)	471-34-1	Acute Toxicity: Ingestion/Oral-Rat LD50 • 6450 mg/kg; Irritation: Eye-Rabbit • 750 µg 24 Hour(s) • Severe irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation
Limestone (3.96% TO 8%)	1317-65-3	Multi-dose Toxicity: Inhalation-Rat TClO • 84 mg/m ³ 4 Hour(s) 40 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Liver:Other changes; Kidney, Ureter, and Bladder:Other changes;</i> Inhalation-Rat TClO • 250 mg/m ³ 2 Hour(s) 24 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis)</i>
Quartz (0.044% TO 1.088%)	14808-60-7	Acute Toxicity: Inhalation-Human TClO • 16 mppcf 8 Hour(s) 17.9 Year(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Cough; Lungs, Thorax, or Respiration:Dyspnea;</i> Inhalation-Rat TClO • 200 mg/kg; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Other changes; Nutritional and Gross Metabolic:Changes in Chemistry or Temperature:Fe;</i> Multi-dose Toxicity: Inhalation-Hamster TClO • 3 mg/m ³ 6 Hour(s) 78 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Lungs, Thorax, or Respiration:Changes in lung weight;</i> Inhalation-Rat TClO • 6.2 mg/m ³ 6 Hour(s) 6 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Other changes; Blood:Changes in spleen; Immunological Including Allergic:Increase in cellular immune response;</i> Inhalation-Rat TClO • 80 mg/m ³ 26 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Blood:Changes in spleen; Immunological Including Allergic:Decrease in cellular immune response;</i> Mutagen: Micronucleus test • Unreported Route-Hamster • Lung (Somatic cell) • 160 µg/cm ³ ; DNA damage • Unreported Route-Human • Other Cell Type • 120 mg/L 24 Hour(s); Micronucleus test • Unreported

		Route-Human • Lung (Somatic cell) • 40 µg/cm ³ ; Tumorigen / Carcinogen: Inhalation-Rat TCl ₀ • 50 mg/m ³ 6 Hour(s) 71 Week(s)-Intermittent; <i>Tumorigenic:</i> Carcinogenic by RTECS criteria; Liver:Tumors
Polyvinyl alcohol (< 1%)	9002-89-5	Acute Toxicity: Ingestion/Oral-Rat LD50 • 23854 mg/kg; <i>Behavioral:</i> Muscle weakness; <i>Gastrointestinal:</i> Hypermotility, diarrhea; Liver:Other changes

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 • Carcinogenicity 1A
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 • Specific Target Organ Toxicity Repeated Exposure 1

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)

- Prolonged exposures to high levels of respirable dust may cause a loss or reduction of pulmonary functions. Registry of Toxic Effects of Chemical Substances (RTECS) concludes that repeated or prolonged inhalation of glass, oxide, chemicals may cause leukemia.

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

- 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.

Carcinogenic Effects			
	CAS	IARC	NTP
Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen

Glass, oxide, chemicals as Glass wool fiber	NDA	Not Listed	Reasonably Anticipated to be Human Carcinogen
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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 number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user • None known.**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • Not relevant.**Section 15 - Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture****SARA Hazard Classifications** • Chronic, Pressure(Sudden Release of)

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA

Carbonic acid calcium salt (1:1)	471-34-1	Yes	No	Yes
Cellulose	65996-61-4	Yes	No	Yes
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Limestone	1317-65-3	No	Yes	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Yes	No	Yes
Perlite	93763-70-3	Yes	No	No
Polyvinyl alcohol	9002-89-5	Yes	No	Yes
Quartz	14808-60-7	Yes	No	Yes
Starch	9005-84-9	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

• Cellulose	65996-61-4	Not Listed D2A (expanded, containing >0.1% Crystalline silica); Uncontrolled product according to WHMIS classification criteria (expanded)
• Perlite	93763-70-3	Uncontrolled product according to WHMIS classification criteria (including 1%)
• Starch	9005-84-9	D2A
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Uncontrolled product according to WHMIS classification criteria
• Carbonic acid calcium salt (1:1)	471-34-1	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Silica, crystalline, encapsulated on Health Canada's WHMIS Division website.)
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

Canada - WHMIS - Ingredient Disclosure List

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed

• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	1 %
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

Environment

Canada - CEPA - Priority Substances List

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

United States

Labor

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

Environment

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed

• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
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• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	carcinogen, 10/1/1988 (airborne particles of respirable size)
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed

• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	Not Listed

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

• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Limestone	1317-65-3	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Carbonic acid calcium salt (1:1)	471-34-1	Not Listed
• Quartz	14808-60-7	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
• Polyvinyl alcohol	9002-89-5	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**

- 12/January/2016

Preparation Date

- 30/April/2010

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