

# Safety Data Sheet

 CertainTeed Ceilings

## Section 1: Identification

### Product identifier

**Product Name** • **Symphony m**

**Synonyms** • Symphony m Rx; Symphony m 75; Symphony m 75 Rx; Symphony m High NRC; Symphony m High NRC Rx; Veil

### 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 Road  
Malvern, PA 19355

**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** • Germ Cell Mutagenicity 2  
Carcinogenicity 1A

### Label elements

**OSHA HCS 2012**

### DANGER



**Hazard statements** • Suspected of causing genetic defects.  
May cause cancer.

### Precautionary statements

**Prevention** • Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.

**Response** • IF exposed or concerned: Get medical advice/attention.

**Storage/Disposal** • Store locked up.  
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 1910.1200 - 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

- 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	47.6% TO 76.8%	NDA	OSHA HCS 2012: Not Classified	NDA
Perlite	CAS:93763-70-3	5% TO 20%	NDA	OSHA HCS 2012: Not Classified	NDA
Cellulose	CAS:65996-61-4	1% TO 19%	NDA	OSHA HCS 2012: Comb. Dust	NDA
Starch	CAS:9005-84-9	5% TO 15%	NDA	OSHA HCS 2012: Comb. Dust	NDA
Limestone	CAS:1317-65-3	0.99% TO 10%	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	< 3.75%	Ingestion/Oral-Rat LD50 • >5000 mg/kg Skin-Rabbit LD50 • >5000 mg/kg	OSHA HCS 2012: Not Classified	NDA
Aluminum hydroxide (Al(OH)3)	CAS:21645-51-2	0.2% TO 2.1%	NDA	OSHA HCS 2012: Not Classified	NDA
Titanium dioxide	CAS:13463-67-7	< 1%	NDA	OSHA HCS 2012: Muta. 2; Carc. 2; STOT RE 2 (Lungs)	NDA
Poly(vinyl alcohol)	CAS:9002-89-5	0.025% TO 0.6%	NDA	OSHA HCS 2012: Comb. Dust	NDA

Quartz	CAS:14808-60-7	0.011% TO 0.21%	NDA	OSHA HCS 2012: Carc. 1A; STOT RE 1 (Lungs, Inhl)	NDA
Carbonic acid calcium salt (1:1)	CAS:471-34-1	< 0.2%	Ingestion/Oral-Rat LD50 • 6450 mg/kg	OSHA HCS 2012: Eye Irrit. 2; Skin Irrit. 2	NDA
Melamine-formaldehyde polymer	NDA	0.001% TO 0.15%	NDA	OSHA HCS 2012: Not Classified	NDA
Acrylate copolymer	NDA	0.0005% TO 0.15%	NDA	OSHA HCS 2012: 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

- 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 appropriate personal protective equipment, avoid direct contact. 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

- Store flat in a dry 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 <sup>3</sup> TWA (respirable fraction)	0.05 mg/m <sup>3</sup> TWA (respirable dust)	Not established
Aluminum hydroxide (Al(OH) <sub>3</sub> )	TWAs	1 mg/m <sup>3</sup> TWA (respirable fraction) <i>as Aluminum insoluble compounds</i>	Not established	Not established
Carbonic acid calcium salt (1:1) (471-34-1)	TWAs	Not established	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	Not established
Limestone (1317-65-3)	TWAs	Not established	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	15 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable fraction)
Titanium dioxide (13463-67-7)	TWAs	10 mg/m <sup>3</sup> TWA	Not established	15 mg/m <sup>3</sup> TWA (total dust)
Perlite (93763-70-3)	TWAs	Not established	10 mg/m <sup>3</sup> TWA (total dust); 5 mg/m <sup>3</sup> TWA (respirable dust)	Not established
Glass, oxide, chemicals	TWAs	1 fiber/cm <sup>3</sup> 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 <sup>3</sup> TWA (fibers ≤ 3.5 µm in diameter and ≥ 10 µm in length); 5 mg/m <sup>3</sup> TWA (total)  <i>as Glass wool fiber</i>	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)
- Aluminum hydroxide (Al(OH)<sub>3</sub>) as Aluminum insoluble compounds: **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)
- Titanium dioxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

**Exposure Limits Supplemental****OSHA**

- Quartz (14808-60-7): **Mineral Dusts:** ((30)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, total dust; (250)/(%SiO<sub>2</sub> + 5) mppcf TWA, respirable fraction; (10)/(%SiO<sub>2</sub> + 2) mg/m<sup>3</sup> TWA, respirable fraction)

**ACGIH**

- Quartz (14808-60-7): **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis)
- Aluminum hydroxide (Al(OH)<sub>3</sub>) as Aluminum insoluble compounds: **TLV Basis - Critical Effects:** (pneumoconiosis; lower respiratory tract irritation; neurotoxicity)
- Titanium dioxide (13463-67-7): **TLV Basis - Critical Effects:** (lower 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 faced, laminated acoustical ceiling tile with earthy colored core and odor.
Color	White	Odor	Earthy
Odor Threshold	No data available		

**General Properties**

Boiling Point	No data available	Melting Point/Freezing Point	No data available
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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		
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available	VOC (Vol.)	< 0.1 g/L
<b>Flammability</b>			
Flash Point	No data available	UEL	No data available
LEL	No data available	Autoignition	No data available
Flammability (solid, gas)	No data available		
<b>Environmental</b>			
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.

### Incompatible materials

- No data available

### Hazardous decomposition products

- None known.

## Section 11 - Toxicological Information

### Information on toxicological effects

Components		
Glass, oxide, chemicals (47.6% TO 76.8%)	65997-17-3	<b>Tumorigen / Carcinogen:</b> Inhalation-Rat TCLO • 5 mg/m <sup>3</sup> 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) (< 3.75%)	64742-65-0	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >5000 mg/kg; Skin-Rabbit LD50 • >5000 mg/kg; <b>Tumorigen / Carcinogen:</b> 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 (5% TO 20%)	93763-70-3	<b>Acute Toxicity:</b> Ingestion/Oral-Mouse LD50 • 12960 mg/kg
Carbonic acid calcium salt (1:1) (< 0.2%)	471-34-1	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 6450 mg/kg; <b>Irritation:</b> Eye-Rabbit • 750 µg 24 Hour(s) • Severe irritation; Skin-Rabbit • 500 mg 24 Hour(s) • Moderate irritation
Limestone (0.99% TO 10%)	1317-65-3	<b>Multi-dose Toxicity:</b> Inhalation-Rat TCLO • 84 mg/m <sup>3</sup> 4 Hour(s) 40 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Liver:Other changes; Kidney, Ureter, and Bladder:Other changes; Inhalation-Rat TCLO • 250 mg/m<sup>3</sup> 2 Hour(s) 24 Week(s)-Intermittent; Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis)</i>

Quartz (0.011% TO 0.21%)	14808 -60-7	<p><b>Acute Toxicity:</b> Inhalation-Human TCLo • 16 mppcf 8 Hour(s) 17.9 Year(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i><b>Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Cough; Lungs, Thorax, or Respiration:Dyspnea;</b> Inhalation-Rat TCLo • 200 mg/kg; <i>Lungs, Thorax, or Respiration:</i><b>Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Other changes; Nutritional and Gross Metabolic:Changes in Chemistry or Temperature:Fe;</b></p> <p><b>Multi-dose Toxicity:</b> Inhalation-Hamster TCLo • 3 mg/m<sup>3</sup> 6 Hour(s) 78 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i><b>Fibrosis (interstitial); Lungs, Thorax, or Respiration:Changes in lung weight;</b> Inhalation-Rat TCLo • 6.2 mg/m<sup>3</sup> 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<sup>3</sup> 26 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i><b>Fibrosis, focal (pneumoconiosis); Blood:Changes in spleen; Immunological Including Allergic:Decrease in cellular immune response;</b></p> <p><b>Mutagen:</b> Micronucleus test • Unreported Route-Hamster • Lung (Somatic cell) • 160 µg/cm<sup>3</sup>; 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<sup>3</sup>;</p> <p><b>Tumorigen / Carcinogen:</b> Inhalation-Rat TCLo • 50 mg/m<sup>3</sup> 6 Hour(s) 71 Week(s)-Intermittent; <i>Tumorigenic:</i><b>Carcinogenic by RTECS criteria; Liver:Tumors</b></p>
Aluminum hydroxide (Al(OH) <sub>3</sub> ) (0.2% TO 2.1%)	21645 -51-2	<p><b>Multi-dose Toxicity:</b> Ingestion/Oral-Woman TDLo • 73912.5 mg/kg 26 Week(s)-Intermittent; <i>Blood:Changes in serum composition (e.g., TP, bilirubin cholesterol); Musculoskeletal:</i><b>Osteoporosis; Nutritional and Gross Metabolic:Changes in Chemistry or Temperature:P;</b></p> <p><b>Reproductive:</b> Ingestion/Oral-Woman TDLo • 84 g/kg (1-40W preg); <i>Reproductive Effects:</i><b>Effects on Newborn:Physical</b></p>
Poly(vinyl alcohol) (0.025% TO 0.6%)	9002- 89-5	<p><b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 23854 mg/kg; <i>Behavioral:</i><b>Muscle weakness; Gastrointestinal:Hypermotility, diarrhea; Liver:Other changes</b></p>
Titanium dioxide (< 1%)	13463 -67-7	<p><b>Irritation:</b> Skin-Human • 300 µg 3 Day(s)-Intermittent • Mild irritation;</p> <p><b>Multi-dose Toxicity:</b> Inhalation-Rat TCLo • 250 mg/m<sup>3</sup> 6 Hour(s) 4 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i><b>Chronic pulmonary edema; Lungs, Thorax, or Respiration:Other changes;</b> Inhalation-Rat TCLo • 10 mg/m<sup>3</sup> 6 Hour(s) 13 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:</i><b>Fibrosis (interstitial); Lungs, Thorax, or Respiration:Other changes; Biochemical:Metabolism (intermediary):Effect on inflammation or mediation of inflammation;</b></p> <p><b>Mutagen:</b> Micronucleus test • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; DNA damage • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent; Cytogenetic analysis • Ingestion/Oral-Mouse • 280 mg/kg 7 Day(s)-Intermittent;</p> <p><b>Tumorigen / Carcinogen:</b> Inhalation-Rat • 10 mg/m<sup>3</sup> 18 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:</i><b>Carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration:Tumors;</b> Inhalation-Rat TCLo • 250 mg/m<sup>3</sup> 6 Hour(s) 2 Year(s)-Intermittent; <i>Tumorigenic:</i><b>Carcinogenic by RTECS criteria; Lungs, Thorax, or Respiration:Tumors</b></p>

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 • Germ Cell Mutagenicity 2
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)

- 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

### Mutagenic Effects

- Repeated and prolonged exposure may cause mutagenic effects.

### 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
Titanium dioxide	13463-67-7	Group 2B-Possible Carcinogen	Not Listed
Glass, oxide, chemicals as Glass wool fiber	NDA	Not Listed	Reasonably Anticipated to be Human Carcinogen

#### Key to abbreviations

LD = Lethal Dose

TC = Toxic Concentration

TD = Toxic Dose

## 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 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** • Chronic

Inventory		
Component	CAS	TSCA
Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Yes
Carbonic acid calcium salt (1:1)	471-34-1	Yes
Cellulose	65996-61-4	Yes
Glass, oxide, chemicals	65997-17-3	Yes
Limestone	1317-65-3	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Yes
Perlite	93763-70-3	No
Poly(vinyl alcohol)	9002-89-5	Yes
Quartz	14808-60-7	Yes
Starch	9005-84-9	Yes
Titanium dioxide	13463-67-7	Yes

## United States

### Labor

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

#### U.S. - OSHA - Specifically Regulated Chemicals

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

### Environment

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	carcinogen, 9/2/2011 (airborne, unbound particles of respirable size)
• 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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

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

• Aluminum hydroxide (Al(OH) <sub>3</sub> )	21645-51-2	Not Listed
• Poly(vinyl alcohol)	9002-89-5	Not Listed
• Cellulose	65996-61-4	Not Listed
• Perlite	93763-70-3	Not Listed
• Starch	9005-84-9	Not Listed
• Titanium dioxide	13463-67-7	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

## 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**

- 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