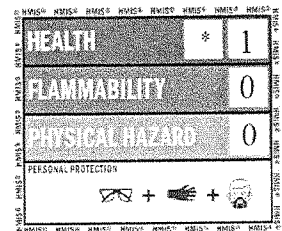




(Material) Safety Data Sheet



Section 1 - Product and Company Identification

- Material Name** ▪ **CertainTeed Fiber Cement Trim and Weatherboards**
- Product Code** ▪ Trim - CT-10103-4; Weatherboards - CT-10074-7
- Product Use** ▪ Building materials for building exteriors.
- Synonyms** ▪ ColorMax Trim; Weatherboard (Fibercement Siding)
- Manufacturer** ▪ CertainTeed Corporation
750 E. Swedesford Road
P.O. Box 860 Valley Forge, PA 19482-0105
United States
www.certainteed.com
CertainTeed - EHS@saint-gobain.com
- Telephone**
- General** ▪ 610-341-7000
- Emergency** ▪ 800-527-3887
- Preparation Date** ▪ 02/24/1998
- Last Revision Date** ▪ 03/09/2011

Key to abbreviations

‡ = HMIS is a registered trademark of the American Coatings Association

Section 2 - Hazards Identification

Emergency Overview

Prevention Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required.

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

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

This material is an article. When cut, dusts generated from this product may cause temporary irritation to the upper respiratory system and mechanical irritation to skin and eyes. Hazards represented on this document are due to dusts generated during use. Inhalation of respirable dusts containing crystalline silica may cause lung injury or disease including silicosis and/or cancer.

- Physical Form** ▪ Solid
- Color** ▪ Gray This product may also be prefinished and sold under the CertainTeed ColorMax Brand.
- Odor** ▪ None
- OSHA** ▪ None
- WHMIS** ▪ None

GHS

- None

Route Of Entry

- Inhalation, Skin, Eye, Ingestion

Target Organs

- Lungs, Silicosis

Potential Health Effects**Inhalation****Acute (Immediate)**

- May cause coughing and/or sneezing. Temporary irritation of nose and throat may occur.

Chronic (Delayed)

- Silicosis (pulmonary fibrosis or severe lung scarring) may occur if exposed to high levels or repeated encounters with dust. This product contains crystalline silica (quartz) which is listed by IARC as carcinogen and a known human carcinogen by NTP. Exposure to airborne particles that exceed the limits listed may cause lung cancer.

Skin**Acute (Immediate)**

- Dust or powder may result in mechanical irritation of the skin characterized by itching or redness. Rubbing skin may increase irritation.

Chronic (Delayed)

- No data available.

Eye**Acute (Immediate)**

- Mechanical irritation of the eye may occur characterized by itching or redness. Rubbing may cause abrasion of cornea.

Chronic (Delayed)

- No data available.

Ingestion**Acute (Immediate)**

- Ingestion of this product unlikely. Ingestion of particles may cause gastrointestinal irritation.

Chronic (Delayed)

- No data available.

Carcinogenic Effects

- When used under normal conditions, this product is not considered a carcinogen. This product contains crystalline silica. 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 the NTP.

Carcinogenic Effects			
	CAS	IARC	NTP
Quartz (SiO ₂)	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen
Talc	14807-96-6	Group 3-Not Classifiable	Evidence of Carcinogenicity
Titanium oxide	13463-67-7	Group 2B-Possible Carcinogen	Evidence of Carcinogenicity
Silica, crystalline - fused	60676-86-0	Group 3-Not Classifiable	Not established

Reproductive Effects

- None known.

See Section 12 for Ecological Information.

Section 3 - Composition/Information on Ingredients

Hazardous Components

Chemical Name	CAS	%(weight)	UN;EINECS	LD50/LC50	EU Classification & R Phrases	Other
Silicic acid, calcium salt	1344-95-2	30% TO 80%	215-710-8	NDA	NDA	NDA
calcium aluminum silicates	NDA	0% TO 50%	NDA	NDA	NDA	NDA
Hydrated tricalcium disilicate	NDA	25% TO 40%	NDA	NDA	NDA	NDA
Calcium carbonate	1317-65-3	0% TO 40%	215-279-6	NDA	NDA	NDA
Quartz (SiO ₂)	14808-60-7	0% TO 30%	238-878-4	NDA	NDA	NDA
Cellulose	9004-34-6	8% TO 10%	232-674-9	Ingestion/Oral-Rat LD50 · >5 g/kg Inhalation-Rat LC50 · >5800 mg/m ³ 4 Hour(s) Skin-Rabbit LD50 · >2 g/kg	NDA	NDA
Hydrated tricalcium monosulfoaluminate	NDA	7% TO 10%	NDA	NDA	NDA	NDA
Hydrated hexacalcium aluminumferrite	NDA	6% TO 10%	NDA	NDA	NDA	NDA
Moisture	NDA	6% TO 10%	NDA	NDA	NDA	NDA
Cellulose	65996-61-4	5% TO 10%	265-995-8	NDA	NDA	NDA
Iron Oxide compounds	NDA	0% TO 10%	NDA	NDA	NDA	NDA
Hydrated tricalcium trisulfoaluminate	NDA	1% TO 3%	NDA	NDA	NDA	NDA
Calcium silicate	10034-77-2	0.1% TO 2%	233-107-8	NDA	NDA	NDA
Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	231-900-3	NDA	NDA	NDA
Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	235-094-4	NDA	NDA	NDA
Tri-calcium aluminate	12042-78-3	0.1% TO 1%	234-932-6	NDA	NDA	NDA
Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	262-373-8	NDA	NDA	NDA
Acrylic Polymer	NDA	0.1% TO 0.5%	NDA	NDA	NDA	NDA
Calcium oxide	1305-78-8	0.1% TO 0.5%	UN1910, 215-138-9	NDA	NDA	NDA
Nepheline syenite	37244-96-5	0.1% TO 0.2%	NDA	NDA	NDA	NDA
Talc	14807-96-6	0.1% TO 0.2%	238-877-9	NDA	NDA	NDA
Titanium oxide	13463-67-7	0.1% TO 0.2%	236-675-5	NDA	NDA	NDA
Calcium hydroxide	1305-62-0	< 20%	215-137-3	Ingestion/Oral-Rat LD50 · 7340 mg/kg Ingestion/Oral-Mouse LD50 · 7300 mg/kg	NDA	NDA

Calcium oxide silicate (Ca3O(SiO4))	12168-85-3	< 5%	235-336-9	NDA	NDA	NDA
Non-Hazardous Components						
Chemical Name	CAS	%(weight)	UN;EINECS	LD50/LC50	EU Classification & R Phrases	Other
Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	NDA	Ingestion/Oral-Rat LD50 · 8000 mg/kg	NDA	NDA

Under United States Regulations (29 CFR 1910.1200(c) - Hazard Communication Standard), the product(s) listed above are exempt as article(s) under stated normal conditions of use. Under Canadian regulations (Workplace Hazardous Materials Information System (WHMIS) - Hazardous Products Act (HPA), Section 11(1)), these product(s) are exempt and considered manufactured article(s) under stated normal conditions of use. Under United Nations Globally Harmonized System for the Classification and Labeling of Hazardous Chemicals (GHS) this product is exempt from regulation as a manufactured article.

See Section 11 for Toxicological Information.

Section 4 - First Aid Measures

- Inhalation**
- Remove to fresh air, apply artificial respiration and/or oxygen if necessary and get medical attention.
- Skin**
- Remove contaminated clothing and wash exposed skin with soap and water. If irritation develops or persists, seek medical attention.
- Eye**
- If foreign matter enter eyes, immediately flush with large amounts of water for at least 15 minutes or until irritation subsides. Do not rub or scratch your eyes, dust particles may cause the eye to be scratched. If irritation persists, contact a physician.
- Ingestion**
- Consult a physician if unusual reaction is noted. Product is not intended nor is it likely to be ingested or eaten.

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

- Extinguishing Media**
- Use any media suitable for the surrounding fires.
- Unsuitable Extinguishing Media**
- N/A
- Firefighting Procedures**
- This product is not considered combustible and will not burn. Use methods suitable for the surrounding fire. Firefighters should wear full -face, self contained breathing apparatus and impervious protective clothing to avoid smoke inhalation and lack of oxygen.
- Unusual Fire and Explosion Hazards**
- None known.
- Hazardous Combustion Products**
- This product is non-combustible.
- Protection of Firefighters**
- Fire fighters should wear full -face, self contained breathing apparatus and impervious protective clothing.

Section 6 - Accidental Release Measures

- Personal Precautions**
- Wear a dust mask if generated above exposure limits. Wear appropriate protective equipment and clothing during clean-up.
- Emergency Procedures**
- No emergency procedures are expected to be necessary if material is used under ordinary conditions as as recommended.
- Environmental Precautions**
- No data available.
- Containment/Clean-up Measures**
- Do not dry sweep dust accumulation. 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 as a non-hazardous waste.

Prohibited Materials

- No data available.

Section 7 - Handling and Storage

Handling

- Do not breathe dusts or fumes generated from cutting or heating this material. Use this product with adequate ventilation. Always wash work clothes separately from other clothing. Wash thoroughly after handling. Use personal protective equipment as described in Section 8.

Storage

- Store in a dry place and under cover to protect product.

Special Packaging Materials

- No data available.

Incompatible Materials or Ignition Sources

- No data available.

Section 8 - Exposure Controls/Personal Protection

Personal Protective Equipment

Pictograms



Respiratory

- Use a NIOSH approved/certified respirator (dust mask) or air-purifying cartridge respirator fitter with N, P, or R series filters.

Eye/Face

- Safety glasses with side shields should be worn at a minimum.

Hands

- Wear leather or cotton gloves when handling large pieces and during operations such as sawing, routing or drilling.

Skin/Body

- Normal work clothing (long sleeved shirts and long pants) is recommended.

General Industrial Hygiene Considerations

- Keep formation of airborne dusts to a minimum. Use good industrial hygiene practices in handling this material.

Engineering Measures/Controls

- Keep exposures to dust generated from cutting, drilling, routing, sawing or crushing, as low as possible. Whenever possible, perform machining of boards in a well ventilated area (outside) and use local exhaust ventilation to keep exposures below the recommended exposure limits. Whenever possible, use wet saws or saw blades designed for fiber cement. The "score and snap" method or use of pneumatic/electric shears are work practices which minimize dust exposure.

Exposure Limits/Guidelines

	Result	ACGIH	Canada British Columbia	Canada Manitoba	Canada New Brunswick	Canada Northwest Territories
Calcium carbonate (1317-65-3)	STELs	Not established	20 mg/m ³ STEL	Not established	Not established	Not established
	TWAs	Not established	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)	Not established	10 mg/m ³ TWA (particulate matter containing no asbestos and < 1% crystalline silica)	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)
Quartz (SiO ₂) (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.025 mg/m ³ TWA (respirable)	0.025 mg/m ³ TWA (respirable fraction)	0.1 mg/m ³ TWA (respirable fraction)	0.1 mg/m ³ TWA (respirable mass); 0.3 mg/m ³ TWA (total mass)
Sulfuric acid, calcium salt (1:1) (7778-18-9)	TWAs	10 mg/m ³ TWA (inhalable fraction)	10 mg/m ³ TWA (inhalable)	10 mg/m ³ TWA (inhalable fraction)	10 mg/m ³ TWA (particulate matter containing no asbestos and < 1% crystalline silica)	Not established
Calcium oxide (1305-78-8)	TWAs	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA	2 mg/m ³ TWA
	STELs	Not established	Not established	Not established	Not established	4 mg/m ³ STEL
Talc (14807-96-6)	TWAs	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m ³ TWA (particulate matter containing no asbestos and less than 1% crystalline silica, respirable)	2 mg/m ³ TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	2 mg/m ³ TWA (particulate matter containing no asbestos and < 1% crystalline silica, respirable fraction)	3 mg/m ³ TWA (respirable mass); 6 mg/m ³ TWA (total mass)
Titanium oxide (13463-67-7)	TWAs	10 mg/m ³ TWA	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)	10 mg/m ³ TWA	10 mg/m ³ TWA	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)
Silica, crystalline - fused (60676-86-0)	TWAs	Not established	Not established	Not established	0.1 mg/m ³ TWA (respirable fraction)	0.1 mg/m ³ TWA (respirable mass); 0.3 mg/m ³ TWA (total mass)
Magnesium(II) carbonate (1:1) (546-93-0)	TWAs	Not established	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)	Not established	10 mg/m ³ TWA (particulate matter containing no asbestos and < 1% crystalline silica)	Not established
Cellulose (9004-34-6)	TWAs	10 mg/m ³ TWA	10 mg/m ³ TWA (total dust); 3 mg/m ³ TWA (respirable fraction)	10 mg/m ³ TWA	10 mg/m ³ TWA	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)
Calcium hydroxide (1305-62-0)	TWAs	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWA
	STELs	Not established	Not established	Not established	Not established	10 mg/m ³ STEL
Silicic acid, calcium salt (1344-95-2)	TWAs	10 mg/m ³ TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	10 mg/m ³ TWA (total particulate matter containing no asbestos and less than 1% crystalline silica, total particulate); 3 mg/m ³ TWA (particulate matter containing no asbestos and less	10 mg/m ³ TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	10 mg/m ³ TWA (particulate matter containing no asbestos and < 1% crystalline silica)	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)

than 1% crystalline silica, respirable particulate)

Exposure Limits/Guidelines (Con't.)

	Result	Canada Nova Scotia	Canada Nunavut	Canada Ontario	Canada Quebec	Canada Yukon
Calcium carbonate (1317-65-3)	TWAs	Not established	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	Not established	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	30 mppcf TWA; 10 mg/m3 TWA
	STELs	Not established	Not established	Not established	Not established	20 mg/m3 STEL
Quartz (SiO2) (14808-60-7)	TWAs	0.025 mg/m3 TWA (respirable fraction)	0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass)	0.10 mg/m3 TWAEV (designated substance regulation)	0.1 mg/m3 TWAEV (respirable dust)	300 particles/mL TWA
Sulfuric acid, calcium salt (1:1) (7778-18-9)	TWAs	10 mg/m3 TWA (inhalable fraction)	Not established	10 mg/m3 TWAEV (inhalable)	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica); 5 mg/m3 TWAEV (respirable dust, containing no asbestos and less than 1% crystalline silica)	Not established
Calcium oxide (1305-78-8)	TWAs	2 mg/m3 TWA	2 mg/m3 TWA	2 mg/m3 TWAEV	2 mg/m3 TWAEV	2 mg/m3 TWA
	STELs	Not established	4 mg/m3 STEL	Not established	Not established	4 mg/m3 STEL
Talc (14807-96-6)	TWAs	2 mg/m3 TWA (particulate matter containing no asbestos and <1% crystalline silica, respirable fraction)	3 mg/m3 TWA (respirable mass); 6 mg/m3 TWA (total mass)	2 mg/m3 TWAEV (containing no asbestos and less than 1% crystalline silica, respirable)	3 mg/m3 TWAEV (respirable dust)	20 mppcf TWA
Titanium oxide (13463-67-7)	TWAs	10 mg/m3 TWA	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	10 mg/m3 TWAEV (total dust)	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	30 mppcf TWA; 10 mg/m3 TWA
	STELs	Not established	Not established	Not established	Not established	20 mg/m3 STEL
Nepheline syenite (37244-96-5)	TWAs	Not established	Not established	10 mg/m3 TWAEV (total dust)	Not established	Not established
Silica, crystalline - fused (60676-86-0)	TWAs	Not established	0.1 mg/m3 TWA (respirable mass); 0.3 mg/m3 TWA (total mass)	0.1 mg/m3 TWAEV (respirable)	0.1 mg/m3 TWAEV (respirable dust, containing no asbestos and less than 1% crystalline silica)	300 particles/mL TWA
Magnesium(II) carbonate (1:1) (546-93-0)	TWAs	Not established	Not established	10 mg/m3 TWAEV (containing no asbestos and less than 1% crystalline silica, total dust)	10 mg/m3 TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	Not established
Cellulose	TWAs	10 mg/m3 TWA	5 mg/m3 TWA (respirable mass); 10	10 mg/m3 TWAEV (paper fibre, total	10 mg/m3 TWAEV (total dust, containing no asbestos and less	30 mppcf TWA; 10

(9004-34-6)			mg/m ³ TWA (total mass)	dust)	than 1% crystalline silica)	mg/m ³ TWA
	STELs	Not established	Not established	Not established	Not established	20 mg/m ³ STEL
Calcium hydroxide (1305-62-0)	TWAs	5 mg/m ³ TWA	5 mg/m ³ TWA	5 mg/m ³ TWAEV	5 mg/m ³ TWAEV	5 mg/m ³ TWA
	STELs	Not established	10 mg/m ³ STEL	Not established	Not established	10 mg/m ³ STEL
Silicic acid, calcium salt (1344-95-2)	TWAs	10 mg/m ³ TWA (synthetic nonfibrous, particulate matter containing no asbestos and <1% crystalline silica)	5 mg/m ³ TWA (respirable mass); 10 mg/m ³ TWA (total mass)	10 mg/m ³ TWAEV (total dust)	10 mg/m ³ TWAEV (total dust, containing no asbestos and less than 1% crystalline silica)	30 mppcf TWA; 10 mg/m ³ TWA

Exposure Limits/Guidelines (Con't.)

	Result	NIOSH	OSHA
Calcium carbonate (1317-65-3)	TWAs	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)
Quartz (SiO ₂) (14808-60-7)	TWAs	0.05 mg/m ³ TWA (respirable dust)	Not established
Sulfuric acid, calcium salt (1:1) (7778-18-9)	TWAs	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)
Calcium oxide (1305-78-8)	TWAs	2 mg/m ³ TWA	5 mg/m ³ TWA
Talc (14807-96-6)	TWAs	2 mg/m ³ TWA (containing no asbestos and less than 1% quartz, respirable dust)	Not established
Titanium oxide (13463-67-7)	TWAs	Not established	15 mg/m ³ TWA (total dust)
Magnesium(II) carbonate (1:1) (546-93-0)	TWAs	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)
Cellulose (9004-34-6)	TWAs	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)
Calcium hydroxide (1305-62-0)	TWAs	5 mg/m ³ TWA	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)
Silicic acid, calcium salt (1344-95-2)	TWAs	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 Control Notations

Canada British Columbia

▪Titanium oxide (13463-67-7): **Carcinogens:** (IARC Category 2B - Possible Human Carcinogen) | **Designated Substances:** (IARC Category 2B - Possible Human Carcinogen)

▪Quartz (SiO₂) (14808-60-7): **Carcinogens:** (ACGIH Category A2 - Suspected Human Carcinogen; IARC Category 1 - Human Carcinogen) | **Designated Substances:** (ACGIH Category A2 - Suspected Human Carcinogen; IARC Category 1 - Human Carcinogen)

Canada Manitoba

▪Silicic acid, calcium salt (1344-95-2): **Carcinogens:** (A4 Not Classifiable as a Human Carcinogen (synthetic nonfibrous))

▪Talc (14807-96-6): **Carcinogens:** (A4 Not Classifiable as a Human Carcinogen (containing no asbestos fibers))

▪Titanium oxide (13463-67-7): **Carcinogens:** (A4 Not Classifiable as a Human Carcinogen)

•Quartz (SiO₂) (14808-60-7): **Carcinogens:** (A2 Suspected Human Carcinogen)

Canada New Brunswick

•Silicic acid, calcium salt (1344-95-2): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

•Talc (14807-96-6): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

•Titanium oxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

Canada Nova Scotia

•Silicic acid, calcium salt (1344-95-2): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (synthetic nonfibrous))

•Talc (14807-96-6): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers))

•Titanium oxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

•Quartz (SiO₂) (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

Canada Ontario

•Quartz (SiO₂) (14808-60-7): **Designated Substances:** (0.10 mg/m³ TWAEV)

Canada Quebec

•Quartz (SiO₂) (14808-60-7): **Carcinogens:** (C2 carcinogen - effect suspected in humans)

ACGIH

•Silicic acid, calcium salt (1344-95-2): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (synthetic nonfibrous))

•Talc (14807-96-6): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (containing no asbestos fibers))

•Titanium oxide (13463-67-7): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen)

•Quartz (SiO₂) (14808-60-7): **Carcinogens:** (A2 - Suspected Human Carcinogen)

Exposure Limits Supplemental

OSHA

•Talc (14807-96-6): **Mineral Dusts:** (20 mppcf TWA (if 1% quartz or more, use quartz limit))

•Silica, crystalline - fused (60676-86-0): **Mineral Dusts:** ((80)/(%) SiO₂) mg/m³ TWA; 20 mppcf TWA)

•Quartz (SiO₂) (14808-60-7): **Mineral Dusts:** ((30)/(%) SiO₂ + 2) mg/m³ TWA, total dust; (250)/(%) SiO₂ + 5) mppcf TWA, respirable fraction; (10)/(%) SiO₂ + 2) mg/m³ TWA, respirable fraction)

ACGIH

•Silicic acid, calcium salt (1344-95-2): **TLV Basis - Critical Effects:** (upper respiratory tract irritation (synthetic nonfibrous)) | **Notice of Intended Changes (TLVs):** (0.5 mg/m³ TWA (particulate matter containing no asbestos and < 1% crystalline silica, respirable fraction, nonfibrous particles); 1 f/cc TWA (respirable fibers, fibrous forms); A4 - not classifiable as a human carcinogen; TLV basis: pneumoconiosis, pulmonary function)

•Sulfuric acid, calcium salt (1:1) (7778-18-9): **TLV Basis - Critical Effects:** (nasal symptoms)

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

•Calcium hydroxide (1305-62-0): **TLV Basis - Critical Effects:** (eye, skin and upper respiratory tract irritation)

•Calcium oxide (1305-78-8): **TLV Basis - Critical Effects:** (upper respiratory tract irritation)

•Talc (14807-96-6): **TLV Basis - Critical Effects:** (lower respiratory tract irritation (containing no asbestos fibers))

•Titanium oxide (13463-67-7): **TLV Basis - Critical Effects:** (lower respiratory tract irritation)

•Quartz (SiO₂) (14808-60-7): **TLV Basis - Critical Effects:** (lung cancer; pulmonary fibrosis)

Key to abbreviations

ACGIH = American Conference of Governmental Industrial Hygiene

LLV = Limit Level Value is the exposure limit for 8-hour work day.

NIOSH = National Institute of Occupational Safety and Health

OEL = Occupational Exposure Limit

OSHA = Occupational Safety and Health Administration

PEL = Permissible Exposure Level determined by the Occupational Safety and Health Administration (OSHA)

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

STV = Short-term exposure limit based on 15-minute exposure

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

TWAEV = Time-Weighted Average Exposure Value

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

Section 9 - Physical and Chemical Properties

Physical Form

- Solid

Appearance/Description

- Solid gray boards with varying dimensions according to product specifications. Some may be coated with an acrylic primer.

Color : Gray This product may also be prefinished and sold under the CertainTeed ColorMax Brand.		Odor : None	
Taste : N/A		Odor Threshold : NDA	
Boiling Point:	NDA	Vapor Pressure:	NDA

Melting Point:	NDA	Vapor Density:	NDA
Specific Gravity:	1 to 1.1	Evaporation Rate:	NDA
Density:	62.4299 to 68.6729 lb(s)/ft³	VOC (Wt.):	NDA
Bulk Density:	NDA	VOC (Vol.):	NDA
pH:	NDA	Volatiles (Wt.):	NDA
Water Solubility:	Insoluble < 0.1 g/L	Volatiles (Vol.):	NDA
Solvent Solubility:	NDA	Flash Point:	NDA
Viscosity:	NDA	Flash Point Test Type:	NDA
Half-Life:	NDA	UEL:	NDA
Octanol/Water Partition coefficient:	NDA	LEL:	NDA
Coefficient of water/oil distribution:	NDA	Autoignition:	NDA
Bioaccumulation Factor:	NDA	Bioconcentration Factor:	NDA
Biochemical Oxygen Demand BOD/BOD5:	NDA	Chemical Oxygen Demand:	NDA
Persistence:	NDA	Degradation:	NDA

Section 10 - Stability and Reactivity

Stability	<ul style="list-style-type: none"> Stable under normal conditions.
Hazardous Polymerization	<ul style="list-style-type: none"> Hazardous polymerization will not occur.
Conditions to Avoid	<ul style="list-style-type: none"> Avoid dispersion of dust in air.
Incompatible Materials	<ul style="list-style-type: none"> None known.
Hazardous Decomposition Products	<ul style="list-style-type: none"> None known.

Section 11 - Toxicological Information

This product has not been tested as a separate entity. Therefore, the hazards must be evaluated on the basis of the individual ingredients, and those hazards must be assumed to be additive in the absence of complete information. The hazards described in this document have been evaluated on a threshold of 1.0% for all hazardous ingredients and 0.1% for all carcinogens, mutagens, reproductive hazards and respiratory sensitizers.

Component Name	Concentration	CAS	Data
Magnesium(II) carbonate (1:1)	0.5% TO 0.6%	546-93-0	Acute Toxicity: ihl-rat TCLo:76 mg/m3/4H
Calcium carbonate	0% TO 40%	1317-65-3	Acute Toxicity: ihl-rat TCLo:250 mg/m3/2H/24W-I
Quartz (SiO2)	0% TO 30%	14808-60-7	Acute Toxicity: ihl-hmn TCLo:16 mppcf/8H/17.9Y-I; ihl-rat TCLo:6.2 mg/m3/6H/6W-I; Tumorigen/Carcinogen: ihl-rat TCLo:50 mg/m3/6H/71W-I
Cellulose	8% TO 10%	9004-34-6	Acute Toxicity: ihl-rat LC50:>5800 mg/m3/4H
Silica, crystalline - fused	0.4% TO 0.5%	60676-86-0	Acute Toxicity: ihl-rat TCLo:197 mg/m3/6H/26W-I
Talc	0.1% TO 0.2%	14807-96-6	Acute Toxicity: ihl-rat TCLo:17 mg/m3/6H/26D-I; Irritation: skn-hmn 300 ug/3D-I MLD; Tumorigen/Carcinogen: ihl-rat TCLo:18 mg/m3/6H/2Y-I
Titanium oxide	0.1% TO 0.2%	13463-67-7	Acute Toxicity: ihl-rat TCLo:10 mg/m3/6H/13W-I; ihl-rat TCLo:1 mg/kg; Irritation: skn-hmn 300 ug/3D-I MLD; Tumorigen/Carcinogen: ihl-rat TCLo:250 mg/m3/6H/2Y-I
Calcium hydroxide	< 20%	1305-62-0	Acute Toxicity: ori-rat LD50:7340 mg/kg; Irritation: eye-rbt 10 mg SEV

Components of the product have been identified as carcinogens by IARC, NIOSH, and ACGIH.

This product is not toxic in its intact form. Temporary irritation may be observed in the upper respiratory system, eyes, and skin. Inhalation of dusts/fumes from this product may cause a scratchy throat, congestion, and slight coughing.

Key to abbreviations

LC = Lethal Concentration SEV = Severe
 LD = Lethal Dose TC = Toxic Concentration
 MLD = Mild

Section 12 - Ecological Information

- Ecological Fate** • The product is not biodegradable.
- Persistence/Degradability** • No information available for the product.
- Bioaccumulation Potential** • No information available for the product.
- Mobility in Soil** • No data available.

Section 13 - Disposal Considerations

- Product** • This product, as supplied, is not regulated as a hazardous waste by the U.S. Environmental Protection Agency (EPA) under Resource Conservation and Recovery Act (RCRA) regulations. Comply with state and local regulations for disposal. If you are unsure of the regulations, contact your local public health department, or the local office of the EPA. Dispose of waste material according to Local, State, Federal, and Provincial Environmental Regulations.

Section 14 - Transportation Information

DOT - United States - Department of Transportation
Shipping Name: Not Regulated for Transportation

TDG - Canada - Transport of Dangerous Goods
Shipping Name: Not Regulated for Transportation

Section 15 - Regulatory Information

SARA Hazard Classifications • Chronic

State Right To Know				
Component	CAS	MA	NJ	PA
Magnesium(II) carbonate (1:1)	546-93-0	Yes	Yes	No
Silicic acid, calcium salt	1344-95-2	Yes	Yes	Yes
calcium aluminum silicates	NDA	No	No	No
Hydrated tricalcium disilicate	NDA	No	No	No
Calcium carbonate	1317-65-3	Yes	Yes	Yes
Quartz (SiO2)	14808-60-7	Yes	Yes	Yes
Cellulose	9004-34-6	Yes	Yes	Yes

Hydrated tricalcium monosulfoaluminate	NDA	No	No	No
Hydrated hexacalcium aluminumferrite	NDA	No	No	No
Moisture	NDA	No	No	No
Cellulose	65996-61-4	No	No	No
Iron Oxide compounds	NDA	No	No	No
Hydrated tricalcium trisulfoaluminate	NDA	No	No	No
Calcium silicate	10034-77-2	No	No	No
Sulfuric acid, calcium salt (1:1)	7778-18-9	Yes	Yes	Yes
Tetracalcium alumino ferrite	12068-35-8	No	No	No
Tri-calcium aluminate	12042-78-3	No	No	No
Silica, crystalline - fused	60676-86-0	Yes	Yes	No
Acrylic Polymer	NDA	No	No	No
Calcium oxide	1305-78-8	Yes	Yes	Yes
Nepheline syenite	37244-96-5	No	No	No
Talc	14807-96-6	Yes	Yes	Yes
Titanium oxide	13463-67-7	Yes	Yes	Yes
Calcium hydroxide	1305-62-0	Yes	Yes	Yes
Calcium oxide silicate (Ca3O (SiO4))	12168-85-3	No	No	No

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Magnesium(II) carbonate (1:1)	546-93-0	Yes	No	Yes
Silicic acid, calcium salt	1344-95-2	Yes	No	Yes
calcium aluminum silicates	NDA	No	No	No
Hydrated tricalcium disilicate	NDA	No	No	No
Calcium carbonate	1317-65-3	No	Yes	Yes
Quartz (SiO2)	14808-60-7	Yes	No	Yes
Cellulose	9004-34-6	Yes	No	Yes
Hydrated tricalcium monosulfoaluminate	NDA	No	No	No
Hydrated hexacalcium aluminumferrite	NDA	No	No	No
Moisture	NDA	No	No	No

Cellulose	65996-61-4	Yes	No	Yes
Iron Oxide compounds	NDA	No	No	No
Hydrated tricalcium trisulfoaluminate	NDA	No	No	No
Calcium silicate	10034-77-2	Yes	No	Yes
Sulfuric acid, calcium salt (1:1)	7778-18-9	Yes	No	Yes
Tetracalcium alumino ferrite	12068-35-8	No	Yes	Yes
Tri-calcium aluminate	12042-78-3	Yes	No	Yes
Silica, crystalline - fused	60676-86-0	Yes	No	Yes
Acrylic Polymer	NDA	No	No	No
Calcium oxide	1305-78-8	Yes	No	Yes
Nepheline syenite	37244-96-5	Yes	No	No
Talc	14807-96-6	Yes	No	Yes
Titanium oxide	13463-67-7	Yes	No	Yes
Calcium hydroxide	1305-62-0	Yes	No	Yes
Calcium oxide silicate (Ca3O (SiO4))	12168-85-3	Yes	No	Yes

Canada

Labor

Canada - WHMIS - Classifications of Substances

- Silicic acid, calcium salt 1344-95-2 30% TO 80% Uncontrolled product according to WHMIS classification criteria
- Nepheline syenite 37244-96-5 0.1% TO 0.2% Not Listed
- Calcium oxide silicate (Ca3O(SiO4)) 12168-85-3 < 5% Not Listed
- Calcium silicate 10034-77-2 0.1% TO 2% Not Listed
- Tetracalcium alumino ferrite 12068-35-8 0.1% TO 1% Not Listed
- Tri-calcium aluminate 12042-78-3 0.1% TO 1% Uncontrolled product according to WHMIS classification criteria
- Sulfuric acid, calcium salt (1:1) 7778-18-9 0.1% TO 1% Uncontrolled product according to WHMIS classification criteria
- Cellulose 65996-61-4 5% TO 10% Not Listed
- Cellulose 9004-34-6 8% TO 10% Uncontrolled product according to WHMIS classification criteria (including microcrystalline and paper fibers)
- Calcium hydroxide 1305-62-0 < 20% E
- Calcium oxide 1305-78-8 0.1% TO 0.5% E
- Talc 14807-96-6 0.1% TO 0.2% D2A
- Titanium oxide 13463-67-7 0.1% TO 0.2% D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS website.)
- Calcium carbonate 1317-65-3 0% TO 40% D2A
- Magnesium(II) carbonate (1:1) 546-93-0 0.5% TO 0.6% Uncontrolled product according to WHMIS classification criteria
- Silica, crystalline - fused 60676-86-0 0.4% TO 0.5% Uncontrolled product according to WHMIS classification criteria

- Quartz (SiO₂) 14808-60-7 0% TO 30% 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 website.)

Canada - WHMIS - Ingredient Disclosure List

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Not Listed
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed
● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed
● Cellulose	9004-34-6	8% TO 10%	Not Listed
● Calcium hydroxide	1305-62-0	< 20%	1 %
● Calcium oxide	1305-78-8	0.1% TO 0.5%	1 %
● Talc	14807-96-6	0.1% TO 0.2%	Not Listed
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Not Listed
● Calcium carbonate	1317-65-3	0% TO 40%	Not Listed
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Not Listed
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	1 %
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	1 %

Environment

Canada - CEPA - Priority Substances List

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Not Listed
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed
● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed
● Cellulose	9004-34-6	8% TO 10%	Not Listed
● Calcium hydroxide	1305-62-0	< 20%	Not Listed
● Calcium oxide	1305-78-8	0.1% TO 0.5%	Not Listed
● Talc	14807-96-6	0.1% TO 0.2%	Not Listed
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Not Listed
● Calcium carbonate	1317-65-3	0% TO 40%	Not Listed
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Not Listed
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	Not Listed
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	Not Listed

Mexico

Other

Mexico - Hazard Classifications

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Not Listed
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed
● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed

● Cellulose	9004-34-6	8% TO 10%	Not Listed
● Calcium hydroxide	1305-62-0	< 20%	Not Listed
● Calcium oxide	1305-78-8	0.1% TO 0.5%	Class = 8
● Talc	14807-96-6	0.1% TO 0.2%	Not Listed
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Not Listed
● Calcium carbonate	1317-65-3	0% TO 40%	Not Listed
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Not Listed
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	Not Listed
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	Not Listed

Mexico - Regulated Substances

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Not Listed
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed
● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed
● Cellulose	9004-34-6	8% TO 10%	Not Listed
● Calcium hydroxide	1305-62-0	< 20%	Not Listed
● Calcium oxide	1305-78-8	0.1% TO 0.5%	UN1910
● Talc	14807-96-6	0.1% TO 0.2%	Not Listed
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Not Listed
● Calcium carbonate	1317-65-3	0% TO 40%	Not Listed
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Not Listed
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	Not Listed
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	Not Listed

United States - California

Environment

U.S. - California - Proposition 65 - Carcinogens List

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Not Listed
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed
● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed
● Cellulose	9004-34-6	8% TO 10%	Not Listed
● Calcium hydroxide	1305-62-0	< 20%	Not Listed
● Calcium oxide	1305-78-8	0.1% TO 0.5%	Not Listed
● Talc	14807-96-6	0.1% TO 0.2%	Not Listed
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Not Listed
● Calcium carbonate	1317-65-3	0% TO 40%	Not Listed
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Not Listed
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	Not Listed
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	carcinogen, initial date 10/1/88 (airborne particles of respirable size)

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

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Not Listed
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed

● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed
● Cellulose	9004-34-6	8% TO 10%	Not Listed
● Calcium hydroxide	1305-62-0	< 20%	Not Listed
● Calcium oxide	1305-78-8	0.1% TO 0.5%	Not Listed
● Talc	14807-96-6	0.1% TO 0.2%	Not Listed
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Not Listed
● Calcium carbonate	1317-65-3	0% TO 40%	Not Listed
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Not Listed
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	Not Listed
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	Not Listed

United States - Rhode Island

Labor

U.S. - Rhode Island - Hazardous Substance List

● Silicic acid, calcium salt	1344-95-2	30% TO 80%	Toxic
● Nepheline syenite	37244-96-5	0.1% TO 0.2%	Not Listed
● Calcium oxide silicate (Ca ₃ O(SiO ₄))	12168-85-3	< 5%	Not Listed
● Calcium silicate	10034-77-2	0.1% TO 2%	Not Listed
● Tetracalcium alumino ferrite	12068-35-8	0.1% TO 1%	Not Listed
● Tri-calcium aluminate	12042-78-3	0.1% TO 1%	Not Listed
● Sulfuric acid, calcium salt (1:1)	7778-18-9	0.1% TO 1%	Not Listed
● Cellulose	65996-61-4	5% TO 10%	Not Listed
● Cellulose	9004-34-6	8% TO 10%	Toxic
● Calcium hydroxide	1305-62-0	< 20%	Toxic
● Calcium oxide	1305-78-8	0.1% TO 0.5%	Toxic; Flammable
● Talc	14807-96-6	0.1% TO 0.2%	Toxic (powder or fibrous)
● Titanium oxide	13463-67-7	0.1% TO 0.2%	Toxic
● Calcium carbonate	1317-65-3	0% TO 40%	Toxic
● Magnesium(II) carbonate (1:1)	546-93-0	0.5% TO 0.6%	Toxic
● Silica, crystalline - fused	60676-86-0	0.4% TO 0.5%	Toxic
● Quartz (SiO ₂)	14808-60-7	0% TO 30%	Toxic (dust and fiber)

Additional Regulatory Information

- **WARNING:** This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm.

Section 16 - Other Information

Preparation Date

- 02/24/1998

Revision Summary

Date	MSDS No.	Changes
1/27/2011	CT-10103-4; CT-10074-7	<ul style="list-style-type: none"> ● Section 1 changed. Product codes changed from CT-10103-3 to CT-10103-4 and CT-10074-6 to CT-10074-7 ● Section 3 changed. Changed percentage of Crystalline Silica (14808-60-7) from 0% TO 5% to 0% TO 30%

Last Revision Date

- 03/09/2011

Disclaimer/Statement of Liability

- Reasonable care has been taken in the preparation of this information, but the supplier gives no warranty of merchantability or of fitness for a particular purpose. Any product purchased is sold on the assumption the purchaser will make his own tests to determine the quality and suitability of the product. Supplier expressly disclaims any

and all liability for incidental and/or consequential property damage arising out of the use of this product. No information provided shall be deemed to be a recommendation to use any product in conflict with any existing patent rights. Read the Material Safety Data Sheet before handling product.

Key to abbreviations

NDA = No Data Available