



## Safety Data Sheet

### Product identifier

#### Product Name

- **COMMERCIAL INSULATION – SUSTAINABLE INSULATION™**

#### Synonyms

- CertainPro™ Thermal Foil Faced Batts; CertaPro™ AcoustaBlanket™ Black; CertaPro™ AcoustaBoard™ Black; CertaPro™ AcoustaTherm™ Batts (Unfaced & Kraft-Faced); CertaPro™ Partition Batts; CertaPro™ Thermal Extended Flange Batts (FSK, White PSK Faced); CertaPro™ Thermal FSK-25 Faced Batts; CertaPro™ Thermal Kraft Faced Batts

#### Product Code

- CT 10161-3

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

#### Recommended use

- Fiber Glass Insulation

### Details of the supplier of the safety data sheet

#### Manufacturer

- CertainTeed Corporation  
P.O. Box 860  
Valley Forge, PA 19482-0101  
United States  
www.certainteed.com  
CertainTeed - EHS@saint-gobain.com

Telephone (General) ● 610-341-7000

### Emergency telephone number

#### Manufacturer

- (800) 424-9300 - Chemtrec

#### Manufacturer

- (703) 527-3887 - Outside of the U.S. Chemtrec

#### Product Literature Code

- 30-45-058

#### Key to abbreviations

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

## Section 2: Hazard Identification

### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012 ● Classification criteria not met

#### Label elements

OSHA HCS 2012

- Hazard statements** ● No label element(s) required

#### Other hazards

- OSHA HCS 2012 ● This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200 Hazard Communication Standard.

**Canada**

According to WHMIS

**Classification of the substance or mixture**

- WHMIS
- Classification criteria not met

**Label elements**

- WHMIS
- No label element(s) required

**Other hazards**

- WHMIS
- In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS).

**Other information**

- Hearing Conservation: Some blowing machines used to install blown-in products create elevated sound levels which may affect workers' hearing. Use of hearing protection by workers exposed above 85 dB(A) as an 8-hour TWA is recommended. This product may cause temporary irritation to the upper respiratory system, eyes, and skin. Avoid inhalation, skin and eye contact as temporary irritation may occur. Wear appropriate personal protective equipment as described in Section 8.

See Section 12 for Ecological Information.

**Section 3 - Composition/Information on Ingredients****Substances**

- Material does not meet the criteria of a substance.

**Mixtures**

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Glass, oxide, chemicals	CAS:65997-17-3 EC Number:266-046-0	78% TO 97%	NDA	OSHA HCS 2012: Not Classified - Classification criteria not met	NDA
Asphalt	CAS:8052-42-4 UN:NA1999 EINECS:232-490-9	0% TO 17%	Ingestion/Oral-Rat LD50 • >5000 mg/kg Inhalation-Rat LC50 • >94.4 mg/m <sup>3</sup>	OSHA HCS 2012: Eye Irrit. 2; Skin Irrit. 2; STOT SE 3: Resp. Irrit.; Carc. 2; - Classifications are related to fumes.	Cured in the final product - no exposure is expected
(Proprietary Ingredient)	Proprietary	3% TO 9%	NDA	OSHA HCS 2012: Skin Irrit. 2; Skin Sens. 1; Eye Irrit. 2; STOT SE 3: Resp. Irrit.	Component is xured in final product - no exposure is expected.

Hydrotreated heavy paraffinic petroleum distillate (highly refined)	CAS:64742-54-7 EC Number:265-157-1	0.5% TO 1.5%	NDA	OSHA HCS 2012: Not Classified - Data Lacking	NDA
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	CAS:64742-65-0 EC Number:265-169-7	0.5% TO 1.5%	NDA	OSHA HCS 2012: Not Classified - Data Lacking	NDA
Acetic acid, vinyl ester, polymer	NDA	< 11%	Ingestion/Oral-Rat LD50 • >25 g/kg	OSHA HCS 2012: Not Classified - Data Lacking	NDA
Acetic acid ethenyl ester, polymer with ethene	NDA	< 7%	Ingestion/Oral-Rat LD50 • >2500 mg/kg	OSHA HCS 2012: Data Lacking - Not Classified	NDA

See Section 11 for Toxicological Information.

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing.

#### Skin

- IF ON SKIN: Wash with plenty of soap and water. If skin irritation occurs: Get medical advice/attention.

#### Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

#### Ingestion

- Consult a physician if unusual reaction is noted. Product is not intended nor is it likely to be ingested or eaten.

### 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.

See Section 2 for Potential Health Effects.

## Section 5: Fire-Fighting Measures

### Extinguishing media

#### Suitable Extinguishing Media

- LARGE FIRE: Water spray, fog or regular foam.  
SMALL FIRES: Dry chemical, CO<sub>2</sub>, water spray or regular foam.

#### Unsuitable Extinguishing Media

- None known.

### Special hazards arising from the substance or mixture

#### Unusual Fire and Explosion Hazards

- Material is non-combustible and is not expected to pose a fire or explosion hazard.

#### Hazardous Combustion Products

- No data available

### Advice for firefighters

- Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible.  
Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.  
Wear positive pressure self-contained breathing apparatus (SCBA).

## Section 6 - Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

- Wear appropriate protective equipment including respiratory protection as conditions warrant. Do not touch or walk through spilled material. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ventilate enclosed areas.

#### Emergency Procedures

- As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area) Stay upwind. Keep out of low areas. Keep unauthorized personnel away. Ventilate closed spaces before entering.

#### Environmental precautions

- No special precautions necessary.

### Methods and material for containment and cleaning up

#### Containment/Clean-up Measures

- SMALL SPILLS: Take up with sand or other non-combustible absorbent material and place into containers for later disposal.  
LARGE SPILLS: Dike far ahead of spill for later disposal.

#### Reference to other sections

- Refer to Section 8 - Exposure Controls/Personal Protection and Section 13 - Disposal Considerations.

## Section 7 - Handling and Storage

### Precautions for safe handling

#### Handling

- Do not breathe dust from this material. Keep this product from heat, sparks, or open flame. Use this product with adequate ventilation. Always wash work clothes separately from other clothing. Wipe out the washer or sink to prevent loose glass fibers from getting on other clothing. Wash thoroughly after handling. Use personal protective equipment as described in Section 8.

### Conditions for safe storage, including any incompatibilities

#### Storage

- Store in a well-ventilated place. Keep container tightly closed.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada British Columbia	Canada Manitoba	Canada New Brunswick	Canada Northwest Territories
Asphalt (8052-42-4)	TWAs	0.5 mg/m <sup>3</sup> TWA (fume, inhalable fraction, as benzene soluble aerosol)	0.5 mg/m <sup>3</sup> TWA (inhalable fume, as Benzene-soluble aerosol)	0.5 mg/m <sup>3</sup> TWA (fume, inhalable fraction, as Benzene soluble aerosol)	5 mg/m <sup>3</sup> TWA (petroleum fumes)	5 mg/m <sup>3</sup> TWA (Petroleum fumes)

	STELs	Not established	Not established	Not established	Not established	10 mg/m3 STEL (Petroleum fumes)
Silicon (7440-21-3)	TWAs	Not established	10 mg/m3 TWA (total dust); 3 mg/m3 TWA (respirable fraction)	Not established	10 mg/m3 TWA	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)
Glass, oxide, chemicals as Glass wool fiber	TWAs	1 fiber/cm3 TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers)  <i>as Glass wool fiber</i>	1 fibre/cm3 TWA (fibres >5 µm, with an aspect ratio of >=3:1, as determined by the membrane filter method at 400-450 times magnification (4 mm objective), using phase-contrast illumination, listed under Synthetic vitreous fibres)  <i>as Glass wool fiber</i>	1 fiber/cm3 TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers)  <i>as Glass wool fiber</i>	1 fibre/cm3 TWA (fibres >5 µm with a diameter <3 µm, aspect ratio >5:1)  <i>as Glass wool fiber</i>	3 fibre/cm3 TWA (with a diameter <=3.5 µm and a length >=10 µm); 5 mg/m3 TWA (total mass)  <i>as Glass wool fiber</i>

**Exposure Limits/Guidelines (Con't.)**

	Result	Canada Nova Scotia	Canada Nunavut	Canada Ontario	Canada Quebec	Canada Yukon
Asphalt (8052-42-4)	TWAs	0.5 mg/m3 TWA (fume, inhalable fraction, as Benzene soluble aerosol)	5 mg/m3 TWA (Petroleum fumes)	0.5 mg/m3 TWA (fume, inhalable, as Benzene-soluble aerosol)	5 mg/m3 TWAEV (fume)	5 mg/m3 TWA (fume)
	STELs	Not established	10 mg/m3 STEL (Petroleum fumes)	Not established	Not established	10 mg/m3 STEL (fume)
Silicon (7440-21-3)	TWAs	Not established	5 mg/m3 TWA (respirable mass); 10 mg/m3 TWA (total mass)	10 mg/m3 TWA (total dust)	10 mg/m3 TWAEV (containing no Asbestos and <1% Crystalline silica, total dust)	30 mppcf TWA; 10 mg/m3 TWA
	STELs	Not established	Not established	Not established	Not established	20 mg/m3 STEL
Glass, oxide, chemicals as Glass wool fiber	TWAs	1 fiber/cm3 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 fibre/cm3 TWA (with a diameter <=3.5 µm and a length >=10 µm); 5 mg/m3 TWA (total mass)  <i>as Glass wool fiber</i>	1 fibre/cm3 TWA (length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450 times magnification (4-mm objective), using phase-contrast illumination, respirable, listed under Synthetic Vitreous Fibres (Man Made Mineral Fibres))  <i>as Glass wool fiber</i>	1 fibre/cm3 TWAEV (respirable, listed under Fibres - Artificial vitreous mineral fibres)  <i>as Glass wool fiber</i>	30 mppcf TWA; 10 mg/m3 TWA (respirable mass)  <i>as Glass wool fiber</i>

**Exposure Limits/Guidelines (Con't.)**

	Result	NIOSH	OSHA	United States - California
Asphalt	TWAs	Not established	Not established	5 mg/m3 PEL (fume)

(8052-42-4)	Ceilings	5 mg/m3 Ceiling (fume, 15 min)	Not established	Not established
Silicon (7440-21-3)	TWAs	10 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable dust)	15 mg/m3 TWA (total dust); 5 mg/m3 TWA (respirable fraction)	5 mg/m3 PEL (respirable fraction, listed under Particulates not otherwise regulated); 10 mg/m3 PEL (total dust, listed under Particulates not otherwise regulated)
Glass, oxide, chemicals as Glass wool fiber	TWAs	3 fiber/cm3 TWA (fibers <= 3.5 µm in diameter and >= 10 µm in length); 5 mg/m3 TWA (total)  <i>as Glass wool fiber</i>	Not established	5 mg/m3 PEL (respirable fraction, listed under Particulates not otherwise regulated); 10 mg/m3 PEL (total dust, listed under Particulates not otherwise regulated)  <i>as Glass wool fiber</i>

**Exposure Control Notations**

**Canada British Columbia**

•Asphalt (8052-42-4): **Carcinogens:** (IARC Category 2B - Possible Human Carcinogen (fume)) | **Designated Substances:** (IARC Category 2B - Possible Human Carcinogen (fume))

**Canada Manitoba**

•Asphalt (8052-42-4): **Carcinogens:** (A4 Not Classifiable as a Human Carcinogen (fume, Coal tar-free))  
 •Glass, oxide, chemicals as Glass wool fiber: **Carcinogens:** (A3 Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))

**Canada New Brunswick**

•Asphalt (8052-42-4): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (fumes))  
 •Glass, oxide, chemicals as Glass wool fiber: **Carcinogens:** (A3 - Animal Carcinogen)

**Canada Nova Scotia**

•Asphalt (8052-42-4): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (fume, Coal tar-free))  
 •Glass, oxide, chemicals as Glass wool fiber: **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))

**ACGIH**

•Asphalt (8052-42-4): **Carcinogens:** (A4 - Not Classifiable as a Human Carcinogen (fume, coal tar-free))  
 •Glass, oxide, chemicals as Glass wool fiber: **Carcinogens:** (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))

**Exposure Limits Supplemental**

**ACGIH**

•Asphalt (8052-42-4): **BEIs:** (Medium: urine Time: end of shift at end of workweek Parameter: 1-Hydroxypyrene with hydrolysis (nonquantitative)) | **TLV Basis - Critical Effects:** (eye and upper respiratory tract irritation (fume))

**Exposure controls**

**Engineering Measures/Controls**

- Avoid spread of fiber glass dust. Provide general and/or local exhaust ventilation to control airborne dust levels below exposure limits.

**Personal Protective Equipment**

**Pictograms**



**Respiratory**

- Wear NIOSH-certified respirators when handling and applying fiber glass insulation

products in accordance with established exposure guidelines - If the exposure is less than 10 times the exposure guideline wear 1/2 mask respirator, N95 or higher, such as 3M brand #8210, #8511 or #8233. If the exposure is less than 50 times the exposure guideline wear a full face respirator, N100 or higher, such as 3M brand 6000 or 7000 series.

**Eye/Face**

- Safety glasses with side shields should be worn at a minimum. In dusty environments chemical goggles should be worn.

**Hands**

- Leather or cotton gloves may be worn to prevent skin contact and irritation.

**Skin/Body**

- Work clothing sufficient to prevent all skin contact should be worn, such as overalls, long sleeves and cap.

**General Industrial Hygiene Considerations**

- Wash hands, face and other potentially exposed areas immediately after handling material (especially before eating, drinking, or smoking). Decontaminate all protective equipment after use.

**Key to abbreviations**

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

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

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

ACGIH = American Conference of Governmental Industrial Hygiene

NIOSH = National Institute of Occupational Safety and Health

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	Fibers assembled into blankets or loose fill. The blankets may be faced with kraft, aluminum foil or other facings.
Color	Tan	Odor	Faint sweet odor.
Taste	No data available.	Particulate Type	Data lacking
Particulate Size	Data lacking	Aerosol Type	Data lacking
Odor Threshold	Data lacking	Physical and Chemical Properties	Data lacking
General Properties			
Boiling Point	Data lacking	Melting Point	2200 F(1204.4444 C)
Decomposition Temperature	Data lacking	Heat of Decomposition	Data lacking
pH	Data lacking	Specific Gravity/Relative Density	2.5 Water=1
Density	20.8625 lbs/gal	Bulk Density	Data lacking
Water Solubility	Slightly Soluble	Solvent Solubility	Data lacking
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking	VOC (Wt.)	Data lacking
VOC (Vol.)	Data lacking	Volatiles (Wt.)	Data lacking
Volatiles (Vol.)	Data lacking		

<b>Flammability</b>			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Data lacking
Self-Accelerating Decomposition Temperature (SADT)	Data lacking	Heat of Combustion ( $\Delta H_c$ )	Data lacking
Burning Time	Data lacking	Flame Duration	Data lacking
Flame Height	Data lacking	Flame Extension	Data lacking
Ignition Distance	Data lacking	Flammability (solid, gas)	Data lacking
<b>Environmental</b>			
Half-Life	Data lacking	Octanol/Water Partition coefficient	Data lacking
Coefficient of water/oil distribution	Data lacking	Bioaccumulation Factor	Data lacking
Bioconcentration Factor	Data lacking	Biochemical Oxygen Demand BOD/BOD5	Data lacking
Chemical Oxygen Demand	Data lacking	Persistence	Data lacking
Degradation	Data lacking		

## Section 10: Stability and Reactivity

### Reactivity

- No dangerous reaction known under conditions of normal use.

### Chemical stability

- Stable under normal conditions of use.

### Possibility of hazardous reactions

- Hazardous polymerization not indicated.

### Conditions to avoid

- Keep away from heat, ignition sources and incompatible materials.

### Incompatible materials

- Hydrofluoric acid.

### Hazardous decomposition products

- Hazardous decomposition may occur generating toxic fumes/vapors, oxides of carbon (COx), oxides of nitrogen (NOx).

## Section 11 - Toxicological Information

### Information on toxicological effects

Component Name	CAS	Data
Acetic acid, vinyl ester, polymer (< 11%)	9003-20-7	<b>Acute Toxicity:</b> orl-rat LD50:>25 gm/kg
Acetic acid ethenyl ester, polymer with ethene (< 7%)	24937-78-8	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >2500 mg/kg
GHS Properties		Classification



<b>Acute toxicity</b>	OSHA HCS 2012 • Classification criteria not met
<b>Aspiration Hazard</b>	OSHA HCS 2012 • Classification criteria not met
<b>Carcinogenicity</b>	OSHA HCS 2012 • Classification criteria not met
<b>Germ Cell Mutagenicity</b>	OSHA HCS 2012 • Classification criteria not met
<b>Respiratory sensitization</b>	OSHA HCS 2012 • Classification criteria not met
<b>Serious eye damage/Irritation</b>	OSHA HCS 2012 • Classification criteria not met
<b>Skin corrosion/Irritation</b>	OSHA HCS 2012 • Classification criteria not met
<b>Skin sensitization</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-RE</b>	OSHA HCS 2012 • Classification criteria not met
<b>STOT-SE</b>	OSHA HCS 2012 • Classification criteria not met
<b>Toxicity for Reproduction</b>	OSHA HCS 2012 • Classification criteria not met

**Route(s) of entry/exposure**      • Inhalation, Skin, Eye, Ingestion

**Medical Conditions Aggravated by Exposure**      • Skin/Dermal Lungs .

### Potential Health Effects

#### Inhalation

**Acute (Immediate)**

- The dust from this material may cause respiratory irritation.

**Chronic (Delayed)**

- Use of these products has not been shown to cause cancer in humans. Fiber glass wool is a possible cancer hazard. Fiber glass wool has caused cancer in animals but has not produced cancer by inhalation.

#### Skin

**Acute (Immediate)**

- Temporary irritation of the skin may occur in some individuals.

**Chronic (Delayed)**

- Data lacking.

#### Eye

**Acute (Immediate)**

- Contact with the eyes may cause irritation due to the abrasive action of the dust. Not expected to cause prolonged or significant eye irritation. Material is dusty and may scratch the surface of the eye.

**Chronic (Delayed)**

- Data lacking.

#### Ingestion

**Acute (Immediate)**

- Unlikely. Contact physician if unusual reaction is noted.

**Chronic (Delayed)**

- Data lacking.

#### Carcinogenic Effects

- This product contains glass wool insulation fibers. Following a thorough review of all the medical-scientific data available at a meeting in October 2001, the IARC panel lowered the classification for glass wool insulation fibers from a Group 2B classification ("possibly carcinogenic to humans") to a Group 3 classification ("not classifiable as to carcinogenicity to humans"). According to IARC, there is "no evidence of increased risks of lung cancer or of mesothelioma from occupational exposures during manufacturing of these materials, and inadequate evidence overall of any cancer risk." This product contains petroleum asphalt. Asphalt fumes arise from hot asphalt. Asphalt fumes (CAS # 8052-42-4): In 1985/87, IARC (International Agency for Research on Cancer) concluded the following: (a) Bitumens are not classifiable as to their carcinogenicity to humans (Group 3). (b) Extracts of steam- and air-refined bitumens are possibly carcinogenic to humans (Group 2B). IARC found that evidence for carcinogenicity from animal studies was: inadequate for undiluted air-refined bitumens; limited for steam-refined and cracking residue bitumens; sufficient for extracts of steam-refined and air-refined bitumen. IARC found that human evidence for carcinogenicity of asphalt fumes was inadequate. Studies of roofers indicated an excess of cancers; however, IARC concluded that, since roofers may be exposed also to coal-tar pitches and other materials, "the excess cancer risk cannot be attributed specifically to bitumens." In 1994, a published review of 20 epidemiology studies of

asphalt workers and roofers agreed with IARC, that current human evidence is inadequate for the carcinogenicity of asphalt fumes in humans. Trace amounts of polynuclear aromatic hydrocarbons (PAHs) may be present in some asphalts and can be released upon excessive heating, which results in thermal cracking of the asphalt compounds. Some of these PAHs have been identified as having the potential to induce carcinogenic and reproductive health effects.

<b>Carcinogenic Effects</b>			
	<b>CAS</b>	<b>IARC</b>	<b>NTP</b>
Asphalt	8052-42-4	Group 2B-Possible Carcinogen	Not established
Acetic acid, vinyl ester, polymer	9003-20-7	Group 3-Not Classifiable	Not established
Glass, oxide, chemicals as Glass wool fiber	NDA	Group 3-Not Classifiable	Reasonably Anticipated to be Human Carcinogen

#### Key to abbreviations

TC = Toxic Concentration

LD = Lethal Dose

## Section 12 - Ecological Information

### Toxicity

- Binder-coated fiber glass is hydrophobic, therefore, no adverse environmental effects would be expected if this product were accidentally released in the water or soil. No harm to fish or wildlife would be caused by this product.

### Persistence and degradability

- Material data lacking.

### Bioaccumulative potential

- Material data lacking.

### Mobility in Soil

- Material data lacking.

### Other adverse effects

#### Ecological Fate

- Material data lacking.

### Other Information

- CertainTeed's residential fiber glass insulation batts meet GREENGUARD Emission Standards. CertainTeed's certification confirms compliance with GREENGUARD Emission Standards, which are based on criteria used by the State of Washington, the U.S. Environmental Protection Agency (EPA), OSHA and the World Health Organization for total particulate and Volatile Organic Compounds (VOC) emissions. Additionally, CertainTeed's residential fiber glass insulation products meet the following emission criteria: California Section CA1350 material specification for schools and offices; OSHA Purchase Specification; State of Washington; EPA; and Proposed State of California. CertainTeed's residential fiber glass insulations also meet the EPA Recovered Material Guideline for recycled content.

## 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**

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 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** • None

State Right To Know				
Component	CAS	MA	NJ	PA
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Asphalt	8052-42-4	Yes	Yes	Yes
<i>Proprietary</i>	NDA	No	No	No
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	No	No	No
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	No	No	No
Silicon	7440-21-3	Yes	Yes	Yes
Citric acid	77-92-9	No	No	No
3-aminopropyltrimethoxysilane	13822-56-5	No	No	No
Acetic acid, vinyl ester, polymer	9003-20-7	No	No	No
Acetic acid ethenyl ester, polymer with ethene	24937-78-8	No	No	No

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Asphalt	8052-42-4	Yes	No	Yes
Proprietary	NDA	No	No	No
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Yes	No	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	Yes	No	Yes
Silicon	7440-21-3	Yes	No	Yes
Citric acid	77-92-9	Yes	No	Yes
3-aminopropyltrimethoxysilane	13822-56-5	Yes	No	Yes
Acetic acid, vinyl ester, polymer	9003-20-7	Yes	No	Yes
Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	B3
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	B4
• Citric acid	77-92-9	0.039% TO 0.3%	E (including 40%)
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Uncontrolled product according to WHMIS classification criteria (listed under Glass wool); D2A (listed under Mineral wool fiber)
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	1 %
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

**Environment****Canada - 2004 NPRI (National Pollutant Release Inventory)**

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

**Canada - 2005 NPRI (National Pollutant Release Inventory)**

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed

• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

#### Canada - CEPA - Greenhouse Gases Subject to Mandatory Reporting

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

#### Canada - CEPA - Priority Substances List

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed

• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

## United States

### Labor

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	(including mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers [or other mineral derived fibers] of average diameter 1 µm or less)
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed



• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed

• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

## United States - California

### Environment

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	carcinogen, initial date 7/1/90 (inhalable and biopersistent)
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed

• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

## United States - Pennsylvania

### Labor

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed

• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Not Listed
• Silicon	7440-21-3	0.03% TO 0.45%	Not Listed
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

## United States - Rhode Island

### Labor

#### U.S. - Rhode Island - Hazardous Substance List

• 3-aminopropyltrimethoxysilane	13822-56-5	0.0012% TO 0.0036%	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
• Asphalt	8052-42-4	0% TO 17%	Toxic; Flammable
• Silicon	7440-21-3	0.03% TO 0.45%	Toxic
• Citric acid	77-92-9	0.039% TO 0.3%	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	0.5% TO 1.5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
• Glass, oxide, chemicals	65997-17-3	78% TO 97%	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		78% TO 97%	Toxic
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed

## Other Information

- **WARNING:** This product contains a chemical known to the State of California to cause cancer.

## Section 16 - Other Information

- Last Revision Date**
- 26/July/2012
- Preparation Date**
- 21/April/2010
- Other Information**
- For reference to the acronyms/definitions used in this MSDS please visit [www.certainteed.com](http://www.certainteed.com).
- 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