



## Safety Data Sheet

### Section 1: Identification

#### Product identifier

##### Product Name

- **COMMERCIAL INSULATION – SUSTAINABLE INSULATION™ CT10161-4**

##### Synonyms

- CertainPro™ Thermal Foil Faced Batts; CertaPro™ AcoustaBlanket™ Black; CertaPro™ AcoustaBoard™ Black; CertaPro™ AcoustaTherm™ Batts (Unfaced & Kraft-Faced); CertaPro™ Board; CertaPro™ Partition Batts; CertaPro™ Thermal Extended Flange Batts (FSK, White PSK Faced); CertaPro™ Thermal Foil Faced Batts; CertaPro™ Thermal FSK-25 Faced Batts; CertaPro™ Thermal Kraft Faced Batts; CertaPro™ Thermal Kraft Faced Batts
- Product Literature Code: 30-45-058.

#### 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  
20 Moores Road  
Malvern, PA 19355  
United States  
www.certainteed.com  
CertainTeed-EHS@saint-gobain.com

Telephone (General) • 610-893-6000

#### Emergency telephone number

##### Manufacturer

- 800-424-9300 - CHEMTREC

### Section 2: Hazard Identification

#### United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

- OSHA HCS 2012
- Not classified

#### Label elements

OSHA HCS 2012

- Hazard statements • No label element(s) required

#### Other hazards

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

#### Canada

According to: WHMIS

**Classification of the substance or mixture**

**WHMIS** • Not classified

**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.

**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	78% TO 97%	NDA	OSHA HCS 2012: Not Classified	NDA
Petroleum asphalt, oxidized	CAS:64742-93-4	0% TO 17%	NDA	OSHA HCS 2012: Not Classified	The oxidized asphalt contained in our finished product is a solid form and therefore poses no similar exposure to the heated liquid form during roofing which resulted in IARC classification for this material.
Acetic acid, vinyl ester, polymer	CAS:9003-20-7	< 11%	Ingestion/Oral-Rat LD50 • >25 g/kg	OSHA HCS 2012: Not Classified	NDA
Green Binder	Proprietary	3% TO 9%	NDA	OSHA HCS 2012: Skin Irrit. 2; Skin Sens. 1; Eye Irrit. 2; STOT SE 3: Resp. Irrit.	Component is cured in final product - no exposure is expected.
Acetic acid ethenyl ester, polymer with ethene	CAS:24937-78-8	< 7%	Ingestion/Oral-Rat LD50 • >2500 mg/kg	OSHA HCS 2012: Not Classified	NDA
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	CAS:64742-65-0	0.5% TO 1.5%	NDA	OSHA HCS 2012: Not Classified	NDA

Hydrotreated heavy paraffinic petroleum distillate (highly refined)	CAS:64742-54-7	0.5% TO 1.5%	NDA	OSHA HCS 2012: Asp. Tox. 1	NDA
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## 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.

## 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**
- 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**
- Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

**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.

**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.

**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	NIOSH
Glass, oxide, chemicals	TWA's	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>

**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))

**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**

**Respiratory**

- A properly fitted NIOSH (American National Institute For Occupational Safety And Health) approved disposable N 95 series dust respirator such as type 3M 8210 (formerly 8710) or 3M 8271 (formerly 9900) respirators should be used under any dust environment or during a process that generates dusts. Use respiratory protection in accordance with the respiratory protection program of your company, local regulations and OSHA regulations under 29 CFR 1910.134.

**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.
- Environmental Exposure Controls**
  - Controls should be engineered to prevent release to the environment, including procedures to prevent spills, atmospheric release and release to waterways. Follow best practice for site management and disposal of waste.

**Key to abbreviations**

ACGIH = American Conference of Governmental Industrial Hygiene  
 NIOSH = National Institute of Occupational Safety and Health  
 TWA = Time-Weighted Averages are based on 8h/day, 40h/week exposures

**Section 9 - Physical and Chemical Properties**

**Information on Physical and Chemical Properties**

<b>Material Description</b>			
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.
Odor Threshold	No data available		
<b>General Properties</b>			
Boiling Point	No data available	Melting Point/Freezing Point	2200 °F(1204.4444 °C)
Decomposition Temperature	No data available	pH	No data available
Specific Gravity/Relative Density	= 2.5 Water=1	Density	20.8625 lbs/gal
Water Solubility	Slightly Soluble	Viscosity	No data available
<b>Volatility</b>			
Vapor Pressure	No data available	Vapor Density	No data available
Evaporation Rate	No data available		
<b>Flammability</b>			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	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 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**

**Other Material Information**

- A properly fitted NIOSH (American National Institute For Occupational Safety And Health) approved disposable N 95 series dust respirator such as type 3M 8210 (formerly 8710) or 3M 8271 (formerly 9900) respirators should be used under any dust environment or during a process that generates dusts. Use respiratory protection in accordance with the respiratory protection program of your company, local regulations and OSHA regulations under 29 CFR 1910.134.

Components		
Acetic acid, vinyl ester, polymer (< 11%)	9003-20-7	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >25 g/kg
Glass, oxide, chemicals (78% TO 97%)	65997-17-3	<b>Tumorigen / Carcinogen:</b> Inhalation-Rat TClO • 5 mg/m³ 7 Hour(s) 90 Week(s)-Intermittent; <b>Tumorigenic: Carcinogenic by RTECS criteria; Blood: Leukemia</b>
Hydrotreated heavy paraffinic petroleum distillate (highly refined) (0.5% TO 1.5%)	64742-54-7	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • >15 g/kg; Skin-Rabbit LD50 • >5 g/kg; <b>Multi-dose Toxicity:</b> Inhalation-Rat TClO • 1000 mg/m³ 4 Week(s)-Intermittent; <b>Lungs, Thorax, or Respiration: Changes in lung weight</b>
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment) (0.5% TO 1.5%)	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; <b>Tumorigenic: Equivocal tumorigenic agent by RTECS criteria; Skin and Appendages: Other: Tumors; Tumorigenic: Tumors at site of application</b>

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 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
STOT-SE	OSHA HCS 2012 • No data available
STOT-RE	OSHA HCS 2012 • No data available

**Potential Health Effects**

**Inhalation**

- Acute (Immediate)**
- Chronic (Delayed)**

- The dust from this material may cause respiratory irritation.
- 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. The oxidized asphalt contained in our finished product is a solid form and therefore poses no similar exposure to the heated liquid form during roofing which resulted in IARC classification for this material.

<b>Carcinogenic Effects</b>			
	<b>CAS</b>	<b>IARC</b>	<b>NTP</b>
Petroleum asphalt, oxidized	64742-93-4	Group 2A-Probable 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

**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**

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

**Special precautions for user**

- None specified.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

- No data available

**Section 15 - Regulatory Information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • None

State Right To Know		
Component	CAS	PA



3-aminopropyltrimethoxysilane	13822-56-5	No
Acetic acid ethenyl ester, polymer with ethene	24937-78-8	No
Acetic acid, vinyl ester, polymer	9003-20-7	No
Glass, oxide, chemicals	65997-17-3	Yes
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	No
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	No
Petroleum asphalt, oxidized	64742-93-4	No

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
3-aminopropyltrimethoxysilane	13822-56-5	Yes	No	Yes
Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Yes	No	Yes
Acetic acid, vinyl ester, polymer	9003-20-7	Yes	No	Yes
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Yes	No	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Yes	No	Yes
Petroleum asphalt, oxidized	64742-93-4	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• 3-aminopropyltrimethoxysilane	13822-56-5	B3
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Uncontrolled product according to WHMIS classification criteria
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
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• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

**Environment****Canada - CEPA - Priority Substances List**

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed

<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals as Glass wool fiber</li> </ul>		(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)
<ul style="list-style-type: none"> <li>• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)</li> </ul>	64742-65-0	Not Listed
<b>U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities</b>		
<ul style="list-style-type: none"> <li>• 3-aminopropyltrimethoxysilane</li> </ul>	13822-56-5	Not Listed
<ul style="list-style-type: none"> <li>• Petroleum asphalt, oxidized</li> </ul>	64742-93-4	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid ethenyl ester, polymer with ethene</li> </ul>	24937-78-8	Not Listed
<ul style="list-style-type: none"> <li>• Hydrotreated heavy paraffinic petroleum distillate (highly refined)</li> </ul>	64742-54-7	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid, vinyl ester, polymer</li> </ul>	9003-20-7	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals</li> </ul>	65997-17-3	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals as Glass wool fiber</li> </ul>		Not Listed
<ul style="list-style-type: none"> <li>• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)</li> </ul>	64742-65-0	Not Listed
<b>U.S. - CERCLA/SARA - Radionuclides and Their Reportable Quantities</b>		
<ul style="list-style-type: none"> <li>• 3-aminopropyltrimethoxysilane</li> </ul>	13822-56-5	Not Listed
<ul style="list-style-type: none"> <li>• Petroleum asphalt, oxidized</li> </ul>	64742-93-4	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid ethenyl ester, polymer with ethene</li> </ul>	24937-78-8	Not Listed
<ul style="list-style-type: none"> <li>• Hydrotreated heavy paraffinic petroleum distillate (highly refined)</li> </ul>	64742-54-7	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid, vinyl ester, polymer</li> </ul>	9003-20-7	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals</li> </ul>	65997-17-3	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals as Glass wool fiber</li> </ul>		Not Listed
<ul style="list-style-type: none"> <li>• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)</li> </ul>	64742-65-0	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs</b>		
<ul style="list-style-type: none"> <li>• 3-aminopropyltrimethoxysilane</li> </ul>	13822-56-5	Not Listed
<ul style="list-style-type: none"> <li>• Petroleum asphalt, oxidized</li> </ul>	64742-93-4	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid ethenyl ester, polymer with ethene</li> </ul>	24937-78-8	Not Listed
<ul style="list-style-type: none"> <li>• Hydrotreated heavy paraffinic petroleum distillate (highly refined)</li> </ul>	64742-54-7	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid, vinyl ester, polymer</li> </ul>	9003-20-7	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals</li> </ul>	65997-17-3	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals as Glass wool fiber</li> </ul>		Not Listed
<ul style="list-style-type: none"> <li>• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)</li> </ul>	64742-65-0	Not Listed
<b>U.S. - CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs</b>		
<ul style="list-style-type: none"> <li>• 3-aminopropyltrimethoxysilane</li> </ul>	13822-56-5	Not Listed
<ul style="list-style-type: none"> <li>• Petroleum asphalt, oxidized</li> </ul>	64742-93-4	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid ethenyl ester, polymer with ethene</li> </ul>	24937-78-8	Not Listed
<ul style="list-style-type: none"> <li>• Hydrotreated heavy paraffinic petroleum distillate (highly refined)</li> </ul>	64742-54-7	Not Listed
<ul style="list-style-type: none"> <li>• Acetic acid, vinyl ester, polymer</li> </ul>	9003-20-7	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals</li> </ul>	65997-17-3	Not Listed
<ul style="list-style-type: none"> <li>• Glass, oxide, chemicals as Glass wool fiber</li> </ul>		Not Listed
<ul style="list-style-type: none"> <li>• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)</li> </ul>	64742-65-0	Not Listed
<b>U.S. - CERCLA/SARA - Section 313 - Emission Reporting</b>		
<ul style="list-style-type: none"> <li>• 3-aminopropyltrimethoxysilane</li> </ul>	13822-56-5	Not Listed

• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

**United States - California**

**Environment**

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		carcinogen, 7/1/1990 (inhalable and biopersistent)
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

**United States - Pennsylvania****Labor****U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List**

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refiningand/or hydrotreatment)	64742-65-0	Not Listed

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

• 3-aminopropyltrimethoxysilane	13822-56-5	Not Listed
• Petroleum asphalt, oxidized	64742-93-4	Not Listed
• Acetic acid ethenyl ester, polymer with ethene	24937-78-8	Not Listed
• Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed

• Glass, oxide, chemicals as Glass wool fiber		Not Listed
• Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/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

- 27/April/2016

### Preparation Date

- 11/September/2012

### Other Information

- For reference to the acronyms/definitions used in this SDS 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 Safety Data Sheet before handling product.

### Key to abbreviations

NDA = No Data Available