



## (Material) Safety Data Sheet

### Section 1 - Product and Company Identification

<b>Material Name</b>	▪ <b>Residential Building Insulation</b>
<b>Chemical Name</b>	▪ MIXTURE
<b>MSDS No.</b>	▪ CT1519-23
<b>Product Description</b>	▪ Fibers assembled into blankets or loose fill. the blankets may be faced with kraft, aluminum foil or other facings.
<b>Product Use</b>	▪ Acoustical & Thermal Insulation.
<b>Synonyms</b>	▪ Basement Wall Insulation; Building Insulation (Unfaced & Kraft Faced); CertaSound™ Acoustical Insulation (Kraft & Unfaced); Commercial Blanket; Commercial Board Insulation; EverTherm; EZR Fiber Glass Insulation™; Flame Resistant-faced Insulation (FSK-25); Flame-Resistant Class A (PSK-25) Fiber Glass Building Insulation; Flame-Resistant Foil Building Insulation (FSK-25); Foil-Faced Building Insulation; Masonry Wall Batts; Noise Reducer™ Sound Batts; Right Size; SmartBatt; SmartRoll; SpeedyR™; SpeedyR™ Bandit; UltraTherm® Blowing Insulation
<b>Manufacturer</b>	▪ 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
<b>Telephone</b>	
<b>General</b>	▪ 610-341-7000
<b>Technical</b>	▪ (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA)
<b><u>Emergency</u></b>	▪ (800) 424-9300 - Chemtrec
<b><u>Emergency</u></b>	▪ (703) 527-3887 - Outside of the U.S. Chemtrec
<b>Preparation Date</b>	▪ 10/17/2008
<b>Last Revision Date</b>	▪ 05/03/2011

**Key to abbreviations**

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

### Section 2 - Hazards Identification

**EMERGENCY OVERVIEW**

**Causes mild skin irritation. Causes eye irritation.**

<b>Prevention</b>	Avoid breathing dust, fume, gas, mist, vapours and/or spray. Contaminated work clothing should not be allowed out of the workplace. Wash thoroughly after handling.
<b>Response</b>	If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.
<b>Storage/Disposal</b>	Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

<b>Physical Form</b>	▪ Solid
<b>Color</b>	▪ Yellow
<b>Odor</b>	▪ Faint resin odor.

- OSHA
  - WHMIS
  - EU
  - GHS
  - Route Of Entry
  - Target Organs
  - Medical Conditions Aggravated by Exposure
- None
  - None
  - None
  - Skin Corrosion/Irritation - Category 3, Serious Eye Damage, Eye Irritation - Category 2B
  - Inhalation, Skin, Eye
  - Eye/Ocular/Blindness, Skin/Dermal, Lungs
  - Pre-existing conditions which may be aggravated by mechanical irritants upon inhalation or skin contact.

**Potential Health Effects**

**Inhalation**

**Acute (Immediate)**

**Chronic (Delayed)**

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

**Skin**

**Acute (Immediate)**

**Chronic (Delayed)**

- Temporary irritation of the skin may occur in some individuals.
- No data available.

**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)**

- No data available.

**Ingestion**

**Acute (Immediate)**

**Chronic (Delayed)**

- Unlikely. Contact physician if unusual reaction is noted.
- No data available.

**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."

**Carcinogenic Effects**

	CAS	IARC
Asphalt	8052-42-4	Group 2B-Possible Carcinogen
Acetic acid, vinyl ester, polymer	9003-20-7	Group 3-Not Classifiable

**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.

See Section 12 for Ecological Information.

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

**Hazardous Components**

Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	EU R & S Phrases	Other
Asphalt	8052-42-4	0% TO 17%	NA1999, 232-490-9	Ingestion/Oral-Rat LD50 · >5000 mg/kg Inhalation-Rat LC50 · >94.4	NDA	NDA

Hazardous Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	EU R & S Phrases	Other
				mg/m <sup>3</sup>		
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	265-169-7	NDA	Carc.Cat.2; R45	NDA
Non-Hazardous Components						
Chemical Name	CAS	%(wt)	UN;EINECS	LD50/LC50	EU R & S Phrases	Other
Glass, oxide, chemicals	65997-17-3	79% TO 98%	266-046-0	NDA	NDA	NDA
Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	NDA	Ingestion/Oral-Rat LD50 · 7 g/kg	NDA	NDA
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	265-169-7	NDA	Carc.Cat.2; R45	NDA
Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	NDA	Ingestion/Oral-Rat LD50 · >25 g/kg	NDA	NDA
Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	NDA	Ingestion/Oral-Rat LD50 · >2500 mg/kg	NDA	NDA

Under United States Regulations (29 CFR 1900.1200 - Hazard Communication Standard) this product is considered Hazardous. In Canada, the product mentioned above is not considered hazardous under the Workplace Hazardous Materials Information System (WHMIS). According to the Globally Harmonized Standard for Classification and Labeling (GHS) this product is considered hazardous.

See Section 11 for Toxicological Information.

## Section 4 - First Aid Measures

- |                   |  |
|-------------------|--|
| <b>Inhalation</b> | <ul style="list-style-type: none"> <li>▪ Remove to fresh air immediately and notify medical personnel and supervisor.</li> </ul>   |
| <b>Skin</b>       |  |
| <b>Eye</b>        | <ul style="list-style-type: none"> <li>▪ Do no rub or scratch your eyes. Immediately flush eyes with plenty of water for at least 15 minutes and notify medical personnel and supervisor.</li> </ul> |
| <b>Ingestion</b>  |  |

See Section 2 for Potential Health Effects.

## Section 5 - Fire Fighting Measures

- |   |  |
|---|--|
| <b>Extinguishing Media Unsuitable Extinguishing Media</b> | <ul style="list-style-type: none"> <li>▪ Use that which is applicable to surrounding fire.</li> <li>▪ None known.</li> </ul>   |
| <b>Firefighting Procedures</b>                            |  |
| <b>Unusual Fire and Explosion Hazards</b>                 | <ul style="list-style-type: none"> <li>▪ Fire fighters should avoid inhaling any combustion products. Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing.</li> <li>▪ These products contain a cured phenolic-based binder. The binder and kraft facing in a fire situation may emit toxic fumes and smoke containing carbon dioxide, hydrogen chloride, carbon monoxide and molecular fragments of hydrocarbon particles, carbon-hydrogen-nitrogen and nitrogen-oxygen compounds. Comparative animal inhalation toxicity studies of combustion products on a number of CertainTeed fiber glass insulation products found the insulation products to be no more toxic than wood, based on incapacitation and mortality.</li> </ul> |
| <b>Hazardous Combustion Products</b>                      |  |

monoxide and molecular fragments of hydrocarbon particles, carbon-hydrogen-nitrogen and nitrogen-oxygen compounds. Comparative animal inhalation toxicity studies of combustion products on a number of CertainTeed fiber glass insulation products found the insulation products to be no more toxic than wood based on incapacitation and mortality.

**Protection of Firefighters**

- Wear full structural fire fighting protective clothing.

**Section 6 - Accidental Release Measures**

**Personal Precautions**

**Emergency Procedures**

**Environmental Precautions**

**Containment/Clean-up**

**Measures**

- Avoid contact with skin and eyes during clean-up.
- Persons not wearing appropriate protective equipment should be excluded from area of spill until clean-up has been completed. Ventilate the contaminated area.
- Not applicable
- Vacuum dust deposits. Do not use compressed air for clean-up. Avoid generating dust.  
No data available.

**Section 7 - Handling and Storage**

**Handling**

**Storage**

**Special Packaging Materials**

**Incompatible Materials or**

**Ignition Sources**

- 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.
- Store in a dry place and under cover to protect product.
- None known.
- None known.

**Section 8 - Exposure Controls/Personal Protection**

**Personal Protective Equipment**

**Pictograms**



**Respiratory**

**Eye/Face**

**Hands**

**General Industrial Hygiene Considerations**

**Engineering**

**Measures/Controls**

**General Information**

- 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.
- Safety glasses with side shields should be worn at a minimum. In dusty environments chemical goggles should be worn.
- Leather or cotton gloves may be worn to prevent skin contact and irritation. Normal work clothing (long sleeved shirts and long pants) is recommended.
- Wash hands, face and other potentially exposed areas immediately after handling material (especially before eating, drinking, or smoking). Decontaminate all protective equipment after use.
- Avoid spread of fiber glass dust. Provide general and/or local exhaust ventilation to control airborne dust levels below exposure limits.
- Contains fiber glass wool which, under the National Toxicology Program, is a possible cause of cancer if inhaled. This product contains a chemical known to the State of California to cause cancer. This fiber glass wool may cause temporary skin, eye, throat and upper respiratory irritation. Product contains cured binder

with urea, formaldehyde and phenol. In 2001, the International Agency for Research on Cancer (IARC) reclassified glass wool as Group 3, not classifiable as to carcinogenicity to humans.

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 (as benzene soluble aerosol, fume, inhalable fraction)	0.5 mg/m <sup>3</sup> TWA (as benzene-soluble aerosol, inhalable fume)	0.5 mg/m <sup>3</sup> TWA (as benzene soluble aerosol, fume, inhalable fraction)	5 mg/m <sup>3</sup> TWA (petroleum fumes)	5 mg/m <sup>3</sup> TWA
	STELs	Not established	Not established	Not established	Not established	10 mg/m <sup>3</sup> STEL
Glass, oxide, chemicals as Glass wool fiber	TWAs	1 fiber/cm <sup>3</sup> TWA (respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination)  <i>as Glass wool fiber</i>	1 fibre/cm <sup>3</sup> TWA (fibres longer than 5 µm, with an aspect ratio of equal to/greater than 3:1, as determined by the membrane filter method at 400-450 times magnification (4 mm objective), using phase-contrast illumination)  <i>as Glass wool fiber</i>	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)  <i>as Glass wool fiber</i>	1 fibre/cm <sup>3</sup> TWA (fibres longer than 5 µm with a diameter less than 3 µm, aspect ratio greater than 5:1)  <i>as Glass wool fiber</i>	3 fibres/cm <sup>3</sup> TWA (with a diameter ≤3.5 µm and a length ≥10 µm); 5 mg/m <sup>3</sup> 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/m <sup>3</sup> TWA (as benzene soluble aerosol, fume, inhalable fraction)	5 mg/m <sup>3</sup> TWA	0.5 mg/m <sup>3</sup> TWAEV (fume, inhalable, as benzene-soluble aerosol)	5 mg/m <sup>3</sup> TWAEV (fume)	5 mg/m <sup>3</sup> TWA (fume)
	STELs	Not established	10 mg/m <sup>3</sup> STEL	Not established	Not established	10 mg/m <sup>3</sup> STEL (fume)
Glass, oxide, chemicals as Glass wool fiber	TWAs	1 fiber/cm <sup>3</sup> TWA (respirable fibers: length >5 µm, aspect ratio ≥3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination)  <i>as Glass wool fiber</i>	3 fibre/cm <sup>3</sup> TWA (with a diameter ≤3.5 µm and a length ≥10 µm); 5 mg/m <sup>3</sup> TWA (total mass)  <i>as Glass wool fiber</i>	1 fibres/cm <sup>3</sup> TWAEV (length>5 microns, aspect ratio≥ 3.1, respirable)  <i>as Glass wool fiber</i>	1 fibre/cm <sup>3</sup> TWAEV (respirable)  <i>as Glass wool fiber</i>	30 mppcf TWA; 10 mg/m <sup>3</sup> TWA (respirable mass)  <i>as Glass wool fiber</i>

Exposure Limits/Guidelines(Con't.)				
	Result	Mexico	NIOSH	United States - California
Asphalt (8052-42-4)	STELs	10 mg/m <sup>3</sup> STEL	Not established	Not established
	TWAs	5 mg/m <sup>3</sup> TWA	Not established	5 mg/m <sup>3</sup> PEL (fume)
	Ceilings	Not established	5 mg/m <sup>3</sup> Ceiling (fume, 15 min)	Not established
Glass, oxide, chemicals as Glass wool fiber	TWAs	Not established	3 fibers/cm <sup>3</sup> TWA (fibers ≤ 3.5 µm in diameter and ≥ 10 µm in length); 5 mg/m <sup>3</sup> TWA (total)	10 mg/m <sup>3</sup> PEL (total dust); 5 mg/m <sup>3</sup> PEL (respirable fraction)  <i>as Glass wool fiber</i>

Exposure Limits/Guidelines(Con't.)			
Result	Mexico	NIOSH	United States - California
		as Glass wool fiber	

### Exposure Control Notations

#### Mexico

- Asphalt (8052-42-4):**Carcinogens:**A4 - Not classifiable as a human carcinogen

#### 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

#### 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

#### 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

### 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)

## Section 9 - Physical and Chemical Properties

### Physical Form

- Solid

### Appearance/Description

- Fibers assembled into blankets or loose fill. The blankets may be faced with kraft, aluminum foil or other facings.

<b>Color:</b> Yellow		<b>Odor:</b> Faint resin odor.	
<b>Taste:</b> No data available.		<b>Odor Threshold:</b> NDA	
<b>Boiling Point:</b>	NDA	<b>Vapor Pressure:</b>	NDA
<b>Melting Point:</b>	2200 F(1204.4444 C)	<b>Vapor Density:</b>	NDA
<b>Specific Gravity:</b>	2.5	<b>Evaporation Rate:</b>	NDA
<b>Density:</b>	20.8625 lbs/gal	<b>VOC (Wt.):</b>	NDA
<b>Bulk Density:</b>	NDA	<b>VOC (Vol.):</b>	NDA
<b>pH:</b>	NDA	<b>Volatiles (Wt.):</b>	NDA
<b>Water Solubility:</b>	Slightly Soluble	<b>Volatiles (Vol.):</b>	NDA
<b>Solvent Solubility:</b>	NDA	<b>Flash Point:</b>	NDA
<b>Viscosity:</b>	NDA	<b>Flash Point Test Type:</b>	NDA
<b>Half-Life:</b>	NDA	<b>UEL:</b>	NDA
<b>Octanol/Water Partition coefficient:</b>	NDA	<b>LEL:</b>	NDA
<b>Coefficient of water/oil distribution:</b>	NDA	<b>Autoignition:</b>	NDA

<b>Bioaccumulation Factor:</b>	NDA	<b>Bioconcentration Factor:</b>	NDA
<b>Biochemical Oxygen Demand BOD/BOD5:</b>	NDA	<b>Chemical Oxygen Demand:</b>	NDA
<b>Persistence:</b>	NDA	<b>Degradation:</b>	NDA

## Section 10 - Stability and Reactivity

- |   |  |
|---|--|
| <b>Stability</b>                        | <ul style="list-style-type: none"> <li>Product is not sensitive to mechanical impact or static discharge. Stable under normal conditions of use.</li> </ul>                                    |
| <b>Hazardous Polymerization</b>         | <ul style="list-style-type: none"> <li>Hazardous polymerization not indicated.</li> </ul>  |
| <b>Conditions to Avoid</b>              | <ul style="list-style-type: none"> <li>Keep away from heat, ignition sources and incompatible materials.</li> </ul>  |
| <b>Incompatible Materials</b>           | <ul style="list-style-type: none"> <li>Hydrofluoric acid.</li> </ul>   |
| <b>Hazardous Decomposition Products</b> | <ul style="list-style-type: none"> <li>Hazardous decomposition may occur generating toxic fumes/vapors, oxides of carbon (COx), oxides of nitrogen (NOx).</li> </ul> <p>No data available.</p> |

## Section 11 - Toxicological Information

Temporary irritation may be observed in the upper respiratory system, eyes, and skin. 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.

Component Name	Concentration	CAS	Data
Glass, oxide, chemicals	79% TO 98%	65997-17-3	Acute Toxicity: ; ihl-ham TCLo:30 mg/m3/6H/13W-I; ihl-ham TCLo:30 mg/m3/6H/78W-I; ihl-rat TCLo:16 mg/m3/6H/13W-I Mutagen: ; mnt-ham:lng 2 ug/cm2; oms-ham:ovr 10 mg/L; oms-hmn:fbf 10 mg/L Tumorigen/Carcinogen: ; imp-rat TDLo:200 mg/kg
Phenol, polymer with formaldehyde and urea	3% TO 9%	25104-55-6	Acute Toxicity: ; orl-rat LD50:7 gm/kg
Acetic acid ethenyl ester, polymer with ethene	< 7%	24937-78-8	Acute Toxicity: ; Ingestion/Oral-Rat LD50 · >2500 mg/kg

Following a thorough review of all of 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 the manufacture of these materials, and inadequate evidence overall of any cancer risk."

## Section 12 - Ecological Information

- |                                  |   |
|----------------------------------|---|
| <b>Ecological Fate</b>           | <ul style="list-style-type: none"> <li>No information available for the product.</li> </ul>   |
| <b>Persistence/Degradability</b> | <ul style="list-style-type: none"> <li>No information available for the product.</li> </ul>   |
| <b>Bioaccumulation Potential</b> | <ul style="list-style-type: none"> <li>No information available for the product.</li> </ul>   |
| <b>Mobility in Soil</b>          | <ul style="list-style-type: none"> <li>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.</li> </ul> |

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. This material is not expected to be harmful to aquatic life. This product is not manufactured with, nor does it contain any Class I Ozone depleting chemicals as defined by EPA in Title VI of the Clean Air Act Amendments of 1990 40 CFR Part 82, Protection of Stratospheric Ozone. This product is not classified as a hazardous air pollutant in Title III Clean Air Act of 1990. 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, including formaldehyde. 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

- Product**
- Dispose of waste material in an approved landfill in accordance with federal, state, and local regulations. If you are unsure of the regulations, contact your Public Health Department, or the local office of the Environmental Protection Agency (EPA). See Section 7 for Handling Procedures; see Section 8 for Personal Protective Equipment recommendations.  
No data available.

### Section 14 - Transportation Information

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

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

**IMO/IMDG - International Maritime Transport**  
Shipping Name: Not Regulated

### Section 15 - Regulatory Information

**SARA Hazard Classifications**      • Acute

#### State Right To Know

Component	CAS	MA	NJ	PA
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Phenol, polymer with formaldehyde and urea	25104-55-6	No	No	No
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	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
Asphalt	8052-42-4	Yes	Yes	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	No	No	No

#### Inventory

Component	CAS	Canada DSL	Canada NDSL	TSCA
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Phenol, polymer with formaldehyde	25104-55-6	Yes	No	Yes



Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
and urea				
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	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
Asphalt	8052-42-4	Yes	No	Yes
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Uncontrolled product according to classification criteria; D2A
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals		79% TO 98%	Uncontrolled product according to classification criteria; D2A

#### Canada - WHMIS - Ingredient Disclosure List

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

### Environment

#### Canada - CEPA - Priority Substances List

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (severe solvent-refining and/or hydrotreatment)	64742-65-0	0.5% TO 1.5%	Not Listed
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed

▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada British Columbia

##### Environment

##### Canada - British Columbia - Ozone Depleting Substances

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada Manitoba

##### Environment

##### Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 1

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

##### Canada - Manitoba - Ozone Depleting Substances and Other Halocarbons - Class 2

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada Nova Scotia

##### Environment

##### Canada - Nova Scotia - Ozone Layer Protection Regulations

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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

▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

## Canada Ontario

### Environment

#### Canada - Ontario - Airborne Contaminant Reporting - Table 2A

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada - Ontario - Airborne Contaminant Reporting - Table 2B

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada - Ontario - Ozone Depleting Substances - Solvents - Class 1

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada - Ontario - Ozone Depleting Substances - Solvents - Class 2

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed

▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed
<b>Canada - Ontario - Ozone Depleting Substances - Solvents - Class 3</b>			
▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Canada Yukon

##### Environment

##### Canada - Yukon - Ozone Depleting Substances and Other Halocarbons

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

#### Mexico

##### Other

##### Mexico - Hazard Classifications

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

##### Mexico - Regulated Substances

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed

▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

## United States

### Labor

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

### Environment

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	(includes mineral fiber emissions from manufacturing or processing fibers [or other mineral derived fibers] of diameter 1 µm or less)
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals		79% TO 98%	(includes mineral fiber emissions from manufacturing or processing fibers [or other mineral derived fibers] of diameter 1 µm or less)

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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

▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

**U.S. - CWA (Clean Water Act) - Hazardous Substances**

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

**U.S. - CWA (Clean Water Act) - Priority Pollutants**

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	carcinogen, initial date 7/1/90 respirable size)
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals		79% TO 98%	carcinogen, initial date 7/1/90 respirable size)

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

**United States - Massachusetts**

**United States - New Jersey**

**United States - Pennsylvania**

**Labor**

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

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

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Not Listed
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Not Listed
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals	65997-17-3	79% TO 98%	Not Listed

**United States - Rhode Island**



**Labor****U.S. - Rhode Island - Hazardous Substance List**

▪ Glass, oxide, chemicals as Glass wool fiber		79% TO 98%	Toxic
▪ Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	0.5% TO 1.5%	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
▪ Phenol, polymer with formaldehyde and urea	25104-55-6	3% TO 9%	Not Listed
▪ Acetic acid ethenyl ester, polymer with ethene	24937-78-8	< 7%	Not Listed
▪ Asphalt	8052-42-4	0% TO 17%	Toxic; Flammable
▪ Acetic acid, vinyl ester, polymer	9003-20-7	< 11%	Not Listed
▪ Glass, oxide, chemicals		79% TO 98%	Toxic

**Additional Regulatory Information**

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

**Section 16 - Other Information****Preparation Date**

- 10/17/2008

**Last Revision Date**

- 05/03/2011

**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.