



(Material) Safety Data Sheet

Section 1 - Product and Company Identification

| | |
|----------------------------|--|
| Material Name | ▪ Residential Building Insulation |
| Chemical Name | ▪ MIXTURE |
| MSDS No. | ▪ CT1519-23 |
| Product Description | ▪ Fibers assembled into blankets or loose fill. the blankets may be faced with kraft, aluminum foil or other facings. |
| Product Use | ▪ Acoustical & Thermal Insulation. |
| Synonyms | ▪ 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 |
| Manufacturer | ▪ CertainTeed Corporation 750 E. Swedesford Road P.O. Box 860 Valley Forge, PA 19482-0105 United States www.certainteed.com CertainTeed - EHS@saint-gobain.com |
| Telephone | |
| General | ▪ 610-341-7000 |
| Technical | ▪ (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA) |
| <u>Emergency</u> | ▪ (800) 424-9300 - Chemtrec |
| <u>Emergency</u> | ▪ (703) 527-3887 - Outside of the U.S. Chemtrec |
| Preparation Date | ▪ 10/17/2008 |
| Last Revision Date | ▪ 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.

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

| | |
|----------------------|---------------------|
| Physical Form | ▪ Solid |
| Color | ▪ Yellow |
| Odor | ▪ 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 ³ | | |
| 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-refiningand/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

- | | |
|-------------------|--|
| Inhalation | <ul style="list-style-type: none"> ▪ Remove to fresh air immediately and notify medical personnel and supervisor. ▪ After contact with skin, take off immediately all contaminated clothing and wash immediately with plenty of soap and water. If irritation develops and persists, get medical attention . |
| Skin | |
| Eye | <ul style="list-style-type: none"> ▪ 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. |
| Ingestion | <ul style="list-style-type: none"> ▪ Unlikely. Consult physician if unusual reaction is noted. |

See Section 2 for Potential Health Effects.

Section 5 - Fire Fighting Measures

- | | |
|---|---|
| Extinguishing Media | <ul style="list-style-type: none"> ▪ Use that which is applicable to surrounding fire. ▪ None known. |
| Unsuitable Extinguishing Media | |
| Firefighting Procedures | <ul style="list-style-type: none"> ▪ Fire fighters should avoid inhaling any combustion products. Firefighters should wear full-face, self contained breathing apparatus and impervious protective clothing. |
| Unusual Fire and Explosion Hazards | <ul style="list-style-type: none"> ▪ 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. |
| Hazardous Combustion Products | <ul style="list-style-type: none"> ▪ If burned, the materials could release toxic fumes and smoke. The binder and kraft facings combustion products include 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.

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 ³ TWA (as benzene soluble aerosol, fume, inhalable fraction) | 0.5 mg/m ³ TWA (as benzene-soluble aerosol, inhalable fume) | 0.5 mg/m ³ TWA (as benzene soluble aerosol, fume, inhalable fraction) | 5 mg/m ³ TWA (petroleum fumes) | 5 mg/m ³ TWA |
| | STELs | Not established | Not established | Not established | Not established | 10 mg/m ³ STEL |
| Glass, oxide, chemicals as Glass wool fiber | TWAs | 1 fiber/cm ³ 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 ³ 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 ³ 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 ³ 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 ³ TWA (with a diameter ≤3.5 µm and a length ≥10 µm); 5 mg/m ³ 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 ³ TWA (as benzene soluble aerosol, fume, inhalable fraction) | 5 mg/m ³ TWA | 0.5 mg/m ³ TWAEV (fume, inhalable, as benzene-soluble aerosol) | 5 mg/m ³ TWAEV (fume) | 5 mg/m ³ TWA (fume) |
| | STELs | Not established | 10 mg/m ³ STEL | Not established | Not established | 10 mg/m ³ STEL (fume) |
| Glass, oxide, chemicals as Glass wool fiber | TWAs | 1 fiber/cm ³ 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 ³ TWA (with a diameter ≤3.5 µm and a length ≥10 µm); 5 mg/m ³ TWA (total mass) <i>as Glass wool fiber</i> | 1 fibres/cm ³ TWAEV (length>5 microns, aspect ratio≥ 3.1, respirable) <i>as Glass wool fiber</i> | 1 fibre/cm ³ TWAEV (respirable) <i>as Glass wool fiber</i> | 30 mppcf TWA; 10 mg/m ³ 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 ³ STEL | Not established | Not established |
| | TWAs | 5 mg/m ³ TWA | Not established | 5 mg/m ³ PEL (fume) |
| | Ceilings | Not established | 5 mg/m ³ Ceiling (fume, 15 min) | Not established |
| Glass, oxide, chemicals as Glass wool fiber | TWAs | Not established | 3 fibers/cm ³ TWA (fibers ≤ 3.5 µm in diameter and ≥ 10 µm in length); 5 mg/m ³ TWA (total) | 10 mg/m ³ PEL (total dust); 5 mg/m ³ 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.

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

| | | | |
|--|-----|---------------------------------|-----|
| Bioaccumulation Factor: | NDA | Bioconcentration Factor: | NDA |
| Biochemical Oxygen Demand BOD/BOD5: | NDA | Chemical Oxygen Demand: | NDA |
| Persistence: | NDA | Degradation: | NDA |

Section 10 - Stability and Reactivity

- | | |
|---|--|
| Stability | <ul style="list-style-type: none"> Product is not sensitive to mechanical impact or static discharge. Stable under normal conditions of use. |
| Hazardous Polymerization | <ul style="list-style-type: none"> Hazardous polymerization not indicated. |
| Conditions to Avoid | <ul style="list-style-type: none"> Keep away from heat, ignition sources and incompatible materials. |
| Incompatible Materials | <ul style="list-style-type: none"> Hydrofluoric acid. |
| Hazardous Decomposition Products | <ul style="list-style-type: none"> Hazardous decomposition may occur generating toxic fumes/vapors, oxides of carbon (COx), oxides of nitrogen (NOx). <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:fbr 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

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

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 |
| Canada - Ontario - Ozone Depleting Substances - Solvents - Class 3 | | | |
| ▪ 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.