



## Safety Data Sheet



### Section 1: Identification

#### Product identifier

##### Product Name

- **OEM/Mechanical - CT10101-5**

##### Synonyms

- Commercial Blanket Insulation; HT Blanket; CertaPro™ Board; Crimp Wrap™; Insulation for Flex Duct; Metal Building Insulation 202-96; Canadian Metal Building Insulation; Soft Touch™ Duct Wrap; Quickwrap Ductwrap; Marine Ductwrap; ToughGard® Duct Board; ToughGard® BMC Liner Board; ToughGard® R Duct Liner (1/2"); ToughGard® Rigid Liner Board; ToughGard® T Duct Liner; Ultra\* Duct™ Black Duct Board; ToughGard® Ultra\*Round Spiral Duct Liner; Universal Blanket

##### Product Code

- 30-36-045

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

##### Recommended use

- Acoustical & Thermal Insulation

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

##### Manufacturer

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

Telephone (General) • 610-341-7000

Telephone (Technical) • (610) 341-7000 - 9 AM – 5 PM (Eastern Time – USA)

Telephone (General) • (800) 274-8530 - Main Number

#### Emergency telephone number

##### Manufacturer

- 800-527-3887

##### Manufacturer

- (800) 424-9300 - Chemtrec

##### Manufacturer

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

#### Key to abbreviations

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

### Section 2: Hazard Identification

#### United States (US)

According to OSHA 29 CFR 1910.1200 HCS

#### Classification of the substance or mixture

##### OSHA HCS 2012

- Carcinogenicity 2 - H351

#### Label elements

## OSHA HCS 2012

**WARNING**

**Hazard statements** • Suspected of causing cancer. - H351

**Precautionary statements**

**Prevention** • Obtain special instructions before use. - P201  
Do not handle until all safety precautions have been read and understood. - P202  
Wear protective gloves/protective clothing/eye protection/face protection. - P280

**Response** • IF exposed or concerned: Get medical advice/attention. - P308+P313

**Storage/Disposal** • Store locked up. - P405  
Dispose of content and/or container in accordance with local, regional, national, and/or international regulations. - P501

**Other hazards**

## OSHA HCS 2012

- Under United States Regulations (29 CFR 1900.1200 - Hazard Communication Standard) this product is considered Hazardous.

**Canada**

## According to WHMIS

**Classification of the substance or mixture**

## WHMIS

- Other Toxic Effects - D2A

**Label elements**

## WHMIS



- Other Toxic Effects - D2A

**Other hazards**

## WHMIS

- In Canada, the product mentioned above is considered Hazardous under the Workplace Hazardous Materials Information System (WHMIS).

See Section 12 for Ecological Information.

## Section 3 - Composition/Information on Ingredients

**Substances**

- Material does not meet the criteria of a substance.

**Mixtures**

Hazardous Components					
Chemical Name	Identifiers	%(weight)	LD50/LC50	Classifications According to Regulation/Directive	Comments
Glass, oxide, chemicals	CAS:65997-17-3	60% TO 93%	NDA	OSHA HCS 2012: Data Lacking	See footnote "a"

Phenol, polymer with formaldehyde and urea	CAS:25104-55-6	10% TO 30%	Ingestion/Oral-Rat LD50 • 7 g/kg	OSHA HCS 2012: Data Lacking	See footnote "b"
Cured polymer adhesive	NDA	1% TO 5%	NDA	OSHA HCS 2012: Not Hazardous	See footnote "c"
Acetic acid, vinyl ester, polymer	NDA	0% TO 5%	Ingestion/Oral-Rat LD50 • >25 g/kg	OSHA HCS 2012: Data Lacking	See footnote "d"
Acrylic-based polymer	NDA	0% TO 5%	NDA	OSHA HCS 2012: Data Lacking	See footnote "e"
Antimony oxide (Sb2O3)	CAS:1309-64-4	0% TO 5%	Ingestion/Oral-Rat LD50 • >34 g/kg	OSHA HCS 2012: Carc 2; Eye Irrit 2B	See footnote "f"
Latex textile rubber polymer	NDA	0% TO 5%	NDA	OSHA HCS 2012: Data Lacking	See footnote "g"
Poly(oxy-1,2-ethanedioxy-carbonyl-1,4-phenylenecarbonyl)	NDA	0% TO 5%	NDA	OSHA HCS 2012: Data Lacking	See footnote "h"
Phenolic resin binder (cured)	NDA	< 25%	NDA	OSHA HCS 2012: Data Lacking	See footnote "i"
Hydrocarbon polymer	NDA	< 2%	NDA	OSHA HCS 2012: Data Lacking	See footnote "j"
Carbon Black	CAS:1333-86-4	< 0.04%	Ingestion/Oral-Rat LD50 • >15400 mg/kg	OSHA HCS 2012: Workplace exposure limit	See footnote "k"

#### Key to abbreviations

Contained in: Commercial Blanket Insulation; HT Blanket; CertaPro™ Board (Plain,FSK, ASJ, PSK); Crimp Wrap™ (ASJ, Foil Scrim); Insulation for Flex Duct; Metal Building Insulation 202-96;

a = Canadian Metal Building Insulation; Soft Touch™ Duct Wrap (Plain, FSK, PSK); Quickwrap Ductwrap; Marine Ductwrap; ToughGard® Rigid Liner Board; ToughGard® R Duct Liner (1/2"); Universal Blanket (Plain, FSK); ToughGard® Duct Board; ToughGard® T Duct Liner; ToughGard® Ultra\*Round Spiral Duct Liner; ToughGard® BMC Liner Board

b = Contained in: Commercial Blanket Insulation; HT Blanket; CertaPro™ Board (Plain,FSK, ASJ, PSK); Crimp Wrap™ (ASJ, Foil Scrim); Insulation for Flex Duct; Metal Building Insulation 202-96;

b = Canadian Metal Building Insulation; Soft Touch™ Duct Wrap (Plain, FSK, PSK); Quickwrap Ductwrap; Marine Ductwrap; ToughGard® Rigid Liner Board; ToughGard® R Duct Liner (1/2"); Universal Blanket (Plain, FSK); ToughGard® Duct Board; ToughGard® T Duct Liner; ToughGard® Ultra\*Round Spiral Duct Liner; ToughGard® BMC Liner Board

c = Contained in: ToughGard® BMC Liner Board

d = Contained in: CertaPro™ Board(FSK, ASJ, PSK); ToughGard® Duct Board; ToughGard® Ultra\*Round Spiral Duct Liner

e = Contained in: ToughGard® R Duct Liner (1/2")

f = Contained in: CertaPro™ Board (FSK, ASJ, PSK); Crimp Wrap™ (ASJ); Soft Touch™ Duct Wrap (FSK, PSK); Quickwrap Ductwrap (FSK); Marine Ductwrap (FSK); ToughGard Rigid Liner Board with Enhanced Surface; ToughGard® Rigid Liner Board; ToughGard® R Duct Liner (1/2"); Universal Blanket (FSK); ToughGard® Duct Board; ToughGard® T Duct Liner; ToughGard® Ultra\*Round Spiral Duct Liner

g = Contained in: ToughGard® T Duct Liner

h = Contained in: CertaPro™ Board (ASJ); Crimp Wrap (ASJ); ToughGard® Duct Board; ToughGard® T Duct Liner; ToughGard® Ultra\*Round Spiral Duct Liner

i = Contained in: ToughGard® T

j = Contained in: ToughGard® BMC Liner Board

k = Contained in: ToughGard® BMC Liner Board

See Section 11 for Toxicological Information.

## Section 4: First-Aid Measures

### Description of first aid measures

#### Inhalation

- Remove to fresh air immediately and notify medical personnel and supervisor. Give artificial respiration if victim is not breathing. If breathing is difficult, give oxygen.

#### Skin

- 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 .

#### Eye

- Do not rub or scratch your eyes. Immediately flush eyes with plenty of water for at

least 15 minutes and notify medical personnel and supervisor. If eye irritation persists: Get medical advice/attention.

**Ingestion**

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

**Most important symptoms and effects, both acute and delayed**

- Refer to Section 11 - Toxicological Information.

**Indication of any immediate medical attention and special treatment needed****Notes to Physician**

- All treatments should be based on observed signs and symptoms of distress in the patient. Consideration should be given to the possibility that overexposure to materials other than this product may have occurred.

## Section 5: Fire-Fighting Measures

**Extinguishing media**

**Suitable Extinguishing Media** • Use any media suitable for the surrounding fires.

**Unsuitable Extinguishing Media** • None known.

**Special hazards arising from the substance or mixture**

**Unusual Fire and Explosion Hazards** • Does not support combustion. These products contain a cured binder and various facings which contain retardant systems to reduce the possibility of fire. Use of plasma or other type of cutting tool may cause the release of toxic fumes and smoke. Facings on these products may burn. Do not leave facing exposed when working close to an open flame. If burned, the materials could release toxic fumes.

**Hazardous Combustion Products** • Does not support combustion. If burned, the materials could release toxic fumes and smoke. Combustion products may include oxides of carbon, sulfur and other potentially volatile organic compounds, oxides of arsenic, oxides of nitrogen, hydrogen chloride, antimony, bromide gas, hydrogen bromide, formaldehyde, and trace hydrogen cyanide.

**Advice for firefighters**

- Fire fighters should avoid inhaling any combustion products. Fire fighters should wear full-face, self contained breathing apparatus and impervious protective clothing.

## Section 6 - Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**

**Personal Precautions** • Avoid contact with skin and eyes during clean-up. Take proper precautions to minimize exposure by using appropriate personal protective equipment.

**Emergency Procedures** • Persons not wearing appropriate protective equipment should be excluded from area of spill until clean-up has been completed. Ventilate the contaminated area.

**Environmental precautions**

- Avoid run off to waterways and sewers.

**Methods and material for containment and cleaning up**

**Containment/Clean-up Measures** • Containment of this material should not be necessary. Remove sources of ignition. Collect dust or particulates using a vacuum cleaner with a HEPA filter. Avoid the generation of dusts during clean-up.

## Section 7 - Handling and Storage

## Precautions for safe handling

### Handling

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

## Conditions for safe storage, including any incompatibilities

### Storage

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

### Incompatible Materials or Ignition Sources

- Hydrofluoric acid.

## Section 8 - Exposure Controls/Personal Protection

### Control parameters

Exposure Limits/Guidelines						
	Result	ACGIH	Canada British Columbia	Canada Manitoba	Canada New Brunswick	Canada Northwest Territories
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds	TWAs	0.5 mg/m <sup>3</sup> TWA (as Sb) <i>as Antimony compounds</i>	production, exposure by all routes should be carefully controlled to levels as low as possible	0.5 mg/m <sup>3</sup> TWA (as Sb) <i>as Antimony compounds</i>	0.5 mg/m <sup>3</sup> TWA (as Sb) <i>as Antimony compounds</i>	0.5 mg/m <sup>3</sup> TWA (production, handling and use, as Sb)
	STELs	Not established	Not established	Not established	Not established	1.5 mg/m <sup>3</sup> STEL (production, handling and use, as Sb)
Carbon Black (1333-86-4)	TWAs	3 mg/m <sup>3</sup> TWA (inhalable fraction)	3 mg/m <sup>3</sup> TWA (inhalable)	3 mg/m <sup>3</sup> TWA (inhalable fraction)	3.5 mg/m <sup>3</sup> TWA	3.5 mg/m <sup>3</sup> TWA
	STELs	Not established	Not established	Not established	Not established	7 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, listed under Synthetic vitreous fibers) <i>as Glass wool fiber</i>	1 fibre/cm <sup>3</sup> TWA (fibres >5 µm, with an aspect ratio of >=3:1, as determined by the membrane filter method at 400-450 times magnification (4 mm objective), using phase-contrast illumination, listed under Synthetic vitreous fibres) <i>as Glass wool fiber</i>	1 fiber/cm <sup>3</sup> TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers) <i>as Glass wool fiber</i>	1 fibre/cm <sup>3</sup> TWA (fibres >5 µm with a diameter <3 µm, aspect ratio >5:1) <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>
Exposure Limits/Guidelines (Con't.)						
	Result	Canada Nova Scotia	Canada Nunavut	Canada Ontario	Canada Quebec	Canada Yukon
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds	TWAs	0.5 mg/m <sup>3</sup> TWA (as Sb) <i>as Antimony compounds</i>	0.5 mg/m <sup>3</sup> TWA (production, handling and use, as Sb)	exposure by all routes should be carefully controlled to levels as low as possible	0.5 mg/m <sup>3</sup> TWAEV (as Sb)	0.5 mg/m <sup>3</sup> TWA (as Sb) <i>as Antimony compounds</i>
			1.5 mg/m <sup>3</sup> STEL			0.75 mg/m <sup>3</sup> STEL (as Sb)

	STELs	Not established	(production, handling and use, as Sb)	Not established	Not established	<i>as Antimony compounds</i>
Carbon Black (1333-86-4)	TWAs	3 mg/m3 TWA (inhalable fraction)	3.5 mg/m3 TWA	3.5 mg/m3 TWA	3.5 mg/m3 TWAEV	3.5 mg/m3 TWA
	STELs	Not established	7 mg/m3 STEL	Not established	Not established	7 mg/m3 STEL
Glass, oxide, chemicals as Glass wool fiber	TWAs	1 fiber/cm3 TWA (respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination, listed under Synthetic vitreous fibers)  <i>as Glass wool fiber</i>	3 fibre/cm3 TWA (with a diameter <=3.5 µm and a length >=10 µm); 5 mg/m3 TWA (total mass)  <i>as Glass wool fiber</i>	1 fibre/cm3 TWA (length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450 times magnification (4-mm objective), using phase-contrast illumination, respirable, listed under Synthetic Vitreous Fibres (Man Made Mineral Fibres))  <i>as Glass wool fiber</i>	1 fibre/cm3 TWAEV (respirable, listed under Fibres - Artificial vitreous mineral fibres)  <i>as Glass wool fiber</i>	30 mppcf TWA; 10 mg/m3 TWA (respirable mass)  <i>as Glass wool fiber</i>

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

	Result	Mexico	NIOSH	OSHA
Antimony oxide (Sb2O3) as Antimony compounds	TWAs	0.5 mg/m3 TWA LMPE-PPT (handling and use, as Sb); 1 mg/m3 TWA LMPE-PPT (production)	0.5 mg/m3 TWA (as Sb)  <i>as Antimony compounds</i>	0.5 mg/m3 TWA (as Sb)  <i>as Antimony compounds</i>
Carbon Black (1333-86-4)	STELs	7 mg/m3 STEL [LMPE-CT]	Not established	Not established
	TWAs	3.5 mg/m3 TWA LMPE-PPT	3.5 mg/m3 TWA; 0.1 mg/m3 TWA (Carbon black in presence of Polycyclic aromatic hydrocarbons, as PAH)	3.5 mg/m3 TWA
Glass, oxide, chemicals	TWAs	Not established	3 fiber/cm3 TWA (fibers <= 3.5 µm in diameter and >= 10 µm in length); 5 mg/m3 TWA (total)  <i>as Glass wool fiber</i>	Not established

**Exposure controls**

**Engineering Measures/Controls**

- Use general ventilation and use local exhaust, where possible, in confined or enclosed spaces. Avoid spread of fiber glass dust.

**Personal Protective Equipment**

**Respiratory**

- A properly fitted NIOSH approved N 95 series disposable dust respirator such as a 3M Brand #8210, #8511, #8233 or equivalent, in high humidity environments should be used when: high dust levels are encountered; the level of glass fibers in the air exceeds the occupational exposure limits; or if irritation occurs.

**Eye/Face**

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

**Skin/Body**

- Work clothing sufficient to prevent all skin contact should be worn, such as coveralls,

**General Industrial Hygiene Considerations**

long sleeves and cap.

- Use good industrial hygiene practices in handling this material. Availability of eye wash fountains are recommended. Wash thoroughly with soap and water after handling and before eating, drinking, or using tobacco.

**Environmental Exposure Controls**

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

**Key to abbreviations**

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

ACGIH = American Conference of Governmental Industrial Hygiene

TWAEV = Time-Weighted Average Exposure Value

NIOSH = National Institute of Occupational Safety and Health

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

OSHA = Occupational Safety and Health Administration

**Section 9 - Physical and Chemical Properties****Information on Physical and Chemical Properties**

<b>Material Description</b>			
Physical Form	Solid	Appearance/Description	Yellow solid with a faint resin odor.
Color	Yellow or black.	Odor	Faint resin odor.
Odor Threshold	Data lacking		
<b>General Properties</b>			
Boiling Point	> 2550 F(> 1398.8889 C)	Melting Point	2550 F(1398.8889 C)
Decomposition Temperature	Data lacking	pH	Data lacking
Bulk Density	8 lb(s)/ft <sup>3</sup>	Water Solubility	Slightly Soluble
Viscosity	Data lacking		
<b>Volatility</b>			
Vapor Pressure	Data lacking	Vapor Density	Data lacking
Evaporation Rate	Data lacking		
<b>Flammability</b>			
Flash Point	Not relevant	UEL	Not relevant
LEL	Not relevant	Autoignition	Not relevant
Flammability (solid, gas)	Not flammable.		
<b>Environmental</b>			
Octanol/Water Partition coefficient	Data lacking		

**Section 10: Stability and Reactivity****Reactivity**

- No dangerous reaction known under conditions of normal use.

**Chemical stability**

- Stable under normal conditions of use.

**Possibility of hazardous reactions**

- Hazardous polymerization not indicated.

**Conditions to avoid**

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



## Incompatible materials

- Hydrofluoric acid.

## Hazardous decomposition products

- Hazardous decomposition products may include oxides of carbon, sulfur and other potentially volatile organic compounds, oxides of arsenic, oxides of nitrogen, hydrogen chloride, antimony, bromide gas, hydrogen bromide, formaldehyde, and trace hydrogen cyanide.

## Section 11 - Toxicological Information

### Information on toxicological effects

Component Name	CAS	Data
Phenol, polymer with formaldehyde and urea (10% TO 30%)	25104-55-6	<b>Acute Toxicity:</b> Ingestion/Oral-Rat LD50 • 7 g/kg
Acetic acid, vinyl ester, polymer (0% TO 5%)	9003-20-7	<b>Acute Toxicity:</b> orl-rat LD50:>25 gm/kg
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) (0% TO 5%)	1309-64-4	<b>Acute Toxicity:</b> orl-rat LD50:>34 gm/kg; <b>Irritation:</b> eye-rbt 100 mg MLD

GHS Properties	Classification
Acute toxicity	OSHA HCS 2012 • Classification criteria not met
Aspiration Hazard	OSHA HCS 2012 • Classification criteria not met
Carcinogenicity	OSHA HCS 2012 • Carcinogenicity 2
Germ Cell Mutagenicity	OSHA HCS 2012 • Classification criteria not met
Respiratory sensitization	OSHA HCS 2012 • Classification criteria not met
Serious eye damage/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin corrosion/Irritation	OSHA HCS 2012 • Classification criteria not met
Skin sensitization	OSHA HCS 2012 • Classification criteria not met
STOT-RE	OSHA HCS 2012 • Classification criteria not met
STOT-SE	OSHA HCS 2012 • Classification criteria not met
Toxicity for Reproduction	OSHA HCS 2012 • Classification criteria not met

### Route(s) of entry/exposure

- Inhalation, Skin, Eye, and Ingestion

### Medical Conditions Aggravated by Exposure

- Pre-existing conditions which may be aggravated by mechanical irritants upon inhalation or skin contact.

### Potential Health Effects

#### Inhalation

##### Acute (Immediate)

- Temporary irritation of nose and throat may occur.

##### Chronic (Delayed)

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

#### Skin

##### Acute (Immediate)

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

##### Chronic (Delayed)

- No data available.

#### Eye

##### Acute (Immediate)

- Temporary irritation or redness may occur.

##### Chronic (Delayed)

- No data available.



**Ingestion****Acute (Immediate)**

- Ingestion of this product unlikely.

**Chronic (Delayed)**

- No data available

**Carcinogenic Effects**

- This product contains antimony trioxide which may cause cancer based on sufficient animal data. 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." U.S., California and international authorities have all agreed that biosoluble and inhalable glass fibers should not be labeled as a possible cancer hazard. The U.S. National Toxicology Program ("NTP") and the California Office of Environmental Health Hazard Assessment ("OEHHA") actions mean that a cancer warning label for biosoluble fiber glass is no longer required under Federal or California Law.

<b>Carcinogenic Effects</b>			
	<b>CAS</b>	<b>IARC</b>	<b>NTP</b>
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	Group 2B-Possible Carcinogen	Not established
Glass, oxide, chemicals as Glass wool fiber	NDA	Group 3-Not Classifiable	Reasonably Anticipated to be Human Carcinogen

**Key to abbreviations**

LD = Lethal Dose

MLD = Mild

**Section 12 - Ecological Information****Toxicity**

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

**Persistence and degradability**

- No information available for the product.

**Bioaccumulative potential**

- No information available for the product.

**Mobility in Soil**

- No information available for the product.

**Other adverse effects****Potential Environmental Effects**

- No environmental effects expected.

**Section 13 - Disposal Considerations****Waste treatment methods****Product waste**

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

**Packaging waste**

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

**Section 14 - Transport Information**

	14.1 UN number	14.2 UN proper shipping name	14.3 Transport hazard class(es)	14.4 Packing group	14.5 Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

**Special precautions for user** • None known.

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** • Not relevant.

**Section 15 - Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture**

**SARA Hazard Classifications** • Chronic

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
Cured polymer adhesive	NDA	No	No	No
Acetic acid, vinyl ester, polymer	9003-20-7	No	No	No
Acrylic-based polymer	NDA	No	No	No
Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	Yes	Yes Yes	Yes Yes
Latex textile rubber polymer	NDA	No	No	No
Poly(oxy-1,2-ethanedioxy carbonyl-1,4-phenylenecarbonyl)	25038-59-9	No	No	No
Phenolic resin binder (cured)	NDA	No	No	No
Hydrocarbon polymer	NDA	No	No	No
Carbon Black	1333-86-4	Yes	Yes	Yes

Inventory				
Component	CAS	Canada DSL	Canada NDSL	TSCA
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes
Phenol, polymer with formaldehyde and urea	25104-55-6	Yes	No	Yes
Cured polymer adhesive	NDA	No	No	No
Acetic acid, vinyl ester, polymer	9003-20-7	Yes	No	Yes
Acrylic-based polymer	NDA	No	No	No
Antimony oxide (Sb2O3)	1309-64-4	Yes	No	Yes
Latex textile rubber polymer	NDA	No	No	No
Poly(oxy-1,2-ethanedioxy carbonyl-1,4-phenylenecarbonyl)	25038-59-9	Yes	No	Yes
Phenolic resin binder (cured)	NDA	No	No	No
Hydrocarbon polymer	NDA	No	No	No
Carbon Black	1333-86-4	Yes	No	Yes

## Canada

### Labor

#### Canada - WHMIS - Classifications of Substances

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Uncontrolled product according to WHMIS classification criteria (listed under Glass wool); D2A (listed under Mineral wool fiber)
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxy carbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Carbon Black, non-respirable on Health Canada's WHMIS Division website.)
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	D2A
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

#### Canada - WHMIS - Ingredient Disclosure List

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	1 %
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	1 %
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	1 %
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## Environment

### Canada - 2004 NPRI (National Pollutant Release Inventory)

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Part 1, Group 1 Substance
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Part 1, Group 1 Substance
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

### Canada - CEPA - Priority Substances List

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## Canada British Columbia

### Environment

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## Canada Manitoba

### Environment

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed

• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## Canada Nova Scotia

### Environment

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## Canada Ontario

### Environment

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## Canada Yukon

### Environment

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed



• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed
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## Mexico

### Other

#### Mexico - Hazard Classifications

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediyloxy-carbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

#### Mexico - Regulated Substances

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediyloxy-carbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## United States

### Labor

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediyloxy-carbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
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• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

**Environment**

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	(including mineral fiber emissions from facilities manufacturing or processing glass, rock, or slag fibers [or other mineral derived fibers] of average diameter 1 µm or less)
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	(including any unique chemical substance that contains Antimony as part of its infrastructure)
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	1000 lb final RQ; 454 kg final RQ
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed

• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	1.0 % de minimis concentration (Chemical Category N010)
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanediylloxycarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed

• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## United States - California

### Environment

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	carcinogen, initial date 7/1/90 (inhalable and biopersistent)
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	carcinogen, initial date 2/21/03 (airborne, unbound particles of respirable size)
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	carcinogen, initial date 10/1/90
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

## United States - Pennsylvania

### Labor

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb2O3)	1309-64-4	0% TO 5%	
• Antimony oxide (Sb2O3) as Antimony compounds		0% TO 5%	
• Antimony oxide (Sb2O3) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Not Listed
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Not Listed
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

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

• Glass, oxide, chemicals as Glass wool fiber		60% TO 93%	Toxic
• Phenol, polymer with formaldehyde and urea	25104-55-6	10% TO 30%	Not Listed
• Poly(oxy-1,2-ethanedioxydicarbonyl-1,4-phenylenecarbonyl)	25038-59-9	0% TO 5%	Not Listed
• Carbon Black	1333-86-4	< 0.04%	Toxic
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> )	1309-64-4	0% TO 5%	Toxic
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony compounds		0% TO 5%	Toxic
• Antimony oxide (Sb <sub>2</sub> O <sub>3</sub> ) as Antimony oxides		0% TO 5%	Not Listed
• Acetic acid, vinyl ester, polymer	9003-20-7	0% TO 5%	Not Listed
• Glass, oxide, chemicals	65997-17-3	60% TO 93%	Not Listed

**Section 16 - Other Information****Last Revision Date**

- 04/June/2013

**Preparation Date**

- 26/July/2007

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**Key to abbreviations**

NDA = No Data Available