

Safety Data Sheet

Section 1: Identification of the Substance/Mixture and of the Company/Undertaking

1.1 Product identifier

- Product Name** • **SilentFX Sealant**
- Synonyms** • Green Glue Sealant

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

- Relevant identified use(s)** • Acoustic sealant to be used around indoor walls, floors and windows for noiseproofing.
- Use(s) advised against** • This product is not a structural adhesive and it is not to be used outdoors or as a caulking for water-tightness.

1.3 Details of the supplier of the safety data sheet

- Manufacturer** • CertainTeed Gypsum Canada, Inc.
2424 Lakeshore Road West
Mississauga L5J 1K4
Canada
www.certainteed.com

1.4 Emergency telephone number

- Manufacturer** • 1-800-32 SPILL - Team-1 Environmental Services Inc.
- Manufacturer** • 1-800-327-7455 (24 hrs) - Team-1 Environmental Services Inc.

Section 2: Hazards Identification

EU/EEC

According to: Regulation (EC) No 1272/2008 (CLP)/REACH 1907/2006 [amended by 2015/830]
According to: EU Directive 67/548/EEC (DSD) or 1999/45/EC (DPD)

2.1 Classification of the substance or mixture

- CLP** • Not classified
- DSD/DPD** • Not classified

2.2 Label Elements

- CLP**
- Hazard statements** • No label element(s) required
- DSD/DPD**
- Risk phrases** • No label element(s) required

2.3 Other Hazards

- CLP** • According to Regulation (EC) No. 1272/2008 (CLP) this material is not considered hazardous.
- DSD/DPD** • According to European Directive 1999/45/EC this preparation is not considered dangerous.

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

2.1 Classification of the substance or mixture

OSHA HCS 2012 • Not classified

2.2 Label elements

OSHA HCS 2012
Hazard statements • No label element(s) required

2.3 Other hazards

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

Canada

According to: WHMIS

2.1 Classification of the substance or mixture

WHMIS • Not classified

2.2 Label elements

WHMIS • No label element(s) required.

2.3 Other hazards

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

Section 3 - Composition/Information on Ingredients**3.1 Substances**

- Material does not meet the criteria of a substance in accordance with Regulation (EC) No 1272/2008.

3.2 Mixtures

Composition				
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive
Limestone	CAS:1317-65-3 EC Number:215-279-6	< 50%	NDA	EU DSD/DPD: Xn R48/20 EU CLP: STOT RE 2 (Lungs, Inhl), H373 OSHA HCS 2012: STOT RE 2 (Lungs, Inhl)
Trade Secret	Trade Secret	< 24%	NDA	EU DSD/DPD: Not Classified EU CLP: Not Classified OSHA HCS 2012: Not Classified
Proprietary	Proprietary	< 1.4%	NDA	EU DSD/DPD: Annex VI, Table 3.2: Xn R65 R66 EU CLP: Annex VI, Table 3.1: Asp. Tox. 1, H304; EUH066 OSHA HCS 2012: Flam. Liq. 4; Asp. Tox. 1; STOT SE 3: Narc.
Quartz	CAS:14808-60-7 EC Number:238-878-4	< 0.75%	NDA	EU DSD/DPD: Xn R65 Carc. Cat. 1 R45 EU CLP: Carc. 1A, H350i; STOT RE 1, H372 OSHA HCS 2012: Carc. 1A; STOT RE 1 (Lungs, Inhl)
Proprietary	Proprietary	< 0.28%	NDA	EU DSD/DPD: Xn R22 Xi R41 EU CLP: Acute Tox. 4, H302; Eye Dam. 1, H318 OSHA HCS 2012: Acute Tox. 4 (oral) ; Eye Dam. 1
				EU DSD/DPD: Xi R38 R41

Proprietary	Proprietary	< 0.105%	NDA	EU CLP: Skin Irrit. 2, H315; Eye Dam. 1, H318 OSHA HCS 2012: Skin Irrit. 2; Eye Dam. 1
Proprietary	Proprietary	< 0.1%		EU CLP: Union workplace exposure limit OSHA HCS 2012: Exposure limit(s)
Proprietary	Proprietary	< 0.085%		EU CLP: Union workplace exposure limit OSHA HCS 2012: Exposure limit(s)
Propane, 1,2-epoxy-	CAS:75-56-9 EC Number:200-879-2 EU Index:603-055-00-4	N/A		EU CLP: Union workplace exposure limit OSHA HCS 2012: Exposure limit(s)
Acetaldehyde	CAS:75-07-0 EC Number:200-836-8 EU Index:605-003-00-6	N/A		EU CLP: Union workplace exposure limit OSHA HCS 2012: Exposure limit(s)

Section 4 - First Aid Measures

4.1 Description of first aid measures

Inhalation

- IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Administer oxygen if breathing is difficult. Give artificial respiration if victim is not breathing. If signs/symptoms continue, get medical attention.

Skin

- IF ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation occurs: Get medical advice/attention.

Eye

- IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention immediately if symptoms occur.

Ingestion

- If accidentally swallowed, dilute by drinking large quantities of water. Immediately contact poison control centre or hospital emergency room for any other additional treatment directions.

4.2 Most important symptoms and effects, both acute and delayed

- Refer to Section 11 - Toxicological Information.

4.3 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 - Firefighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media • Carbon dioxide, water, water fog, dry chemical, chemical foam.

Unsuitable Extinguishing Media • No data available

5.2 Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards • Material is incombustible as supplied, but dried material will support combustion.

Hazardous Combustion Products • No data available

5.3 Advice for firefighters

- Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode. Cool fire exposed containers with water to prevent rupture due to steam buildup.

Section 6 - Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures

Personal Precautions

- Take proper precautions to minimize exposure by using appropriate personal protective equipment. Avoid breathing mist, vapors, and/or spray. Avoid contact with skin, eyes or clothing. Clean up with soap and water.

Emergency Procedures

- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.2 Environmental precautions

- Prevent spill from entering sewers, soil or waterways.

6.3 Methods and material for containment and cleaning up

Containment/Clean-up Measures

- Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.

6.4 Reference to other sections

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

Section 7 - Handling and Storage

7.1 Precautions for safe handling

Handling

- Do not eat, drink or smoke when using this product. Avoid breathing mist, vapors, and/or spray. Wear appropriate personal protective equipment, avoid direct contact.

7.2 Conditions for safe storage, including any incompatibilities

Storage

- Avoid freezing to avoid damage to packaging. Store in a cool, dry, well ventilated area. Keep container tightly closed.

7.3 Specific end use(s)

- Refer to Section 1.2 - Relevant identified uses.

Section 8 - Exposure Controls/Personal Protection

8.1 Control parameters

Exposure Limits/Guidelines				
	Result	ACGIH	NIOSH	OSHA
Propane, 1,2-epoxy - (75-56-9)	TWAs	2 ppm TWA	Not established	100 ppm TWA; 240 mg/m ³ TWA
Acetaldehyde (75-07-0)	TWAs	Not established	Not established	200 ppm TWA; 360 mg/m ³ TWA
	Ceilings	25 ppm Ceiling	Not established	Not established
Proprietary (Proprietary)	STELs	15 ppm STEL	Not established	Not established
	TWAs	10 ppm TWA	Not established	Not established
	Ceilings	Not established	4 ppm Ceiling (15 min); 15 mg/m ³ Ceiling (15 min)	Not established
Quartz (14808-60-7)	TWAs	0.025 mg/m ³ TWA (respirable fraction)	0.05 mg/m ³ TWA (respirable dust)	Not established
Limestone (1317-65-3)	TWAs	Not established	10 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable dust)	15 mg/m ³ TWA (total dust); 5 mg/m ³ TWA (respirable fraction)

8.2 Exposure controls

Engineering Measures/Controls

- Good general ventilation should be used. Ventilation rates should be matched to conditions. If applicable, use process enclosures, local exhaust ventilation, or other engineering controls to maintain airborne levels below recommended exposure limits. If exposure limits have not been established, maintain airborne levels to an acceptable level.

Personal Protective Equipment

Respiratory

- Follow the OSHA respirator regulations found in 29 CFR 1910.134 or European Standard EN 149. Use a NIOSH/MSHA or European Standard EN 149 approved respirator if exposure limits are exceeded or symptoms are experienced.

Eye/Face

- Wear safety glasses.

Skin/Body

- Wear appropriate gloves.

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

ACGIH = American Conference of Governmental Industrial Hygiene
 MSHA = Mine Safety and Health Administration
 NIOSH = National Institute of Occupational Safety and Health

OSHA = Occupational Safety and Health Administration
 STEL = Short Term Exposure Limits are based on 15-minute exposures

Section 9 - Physical and Chemical Properties

9.1 Information on Basic Physical and Chemical Properties

Material Description			
Physical Form	Liquid	Appearance/Description	Thick white paste with slight latex odor.
Color	White	Odor	Latex odor.
Odor Threshold	Data lacking		
General Properties			
Boiling Point	100 °C(212 °F)	Melting Point/Freezing Point	0 °C(32 °F)
Decomposition Temperature	Data lacking	pH	7 to 10
Specific Gravity/Relative Density	1.3 to 1.55 Water=1	Water Solubility	Appreciable 10 to 99 %
Viscosity	Data lacking	Explosive Properties	Data lacking
Oxidizing Properties:	Data lacking		
Volatility			
Vapor Pressure	< 1 mmHg (torr)	Vapor Density	Data lacking
Evaporation Rate	< 1 n-Butyl Acetate = 1	VOC (Vol.)	< 5 %
Volatiles (Vol.)	< 40 %		
Flammability			
Flash Point	Data lacking	UEL	Data lacking
LEL	Data lacking	Autoignition	Data lacking
Flammability (solid, gas)	Not relevant.		
Environmental			
Octanol/Water Partition coefficient	Data lacking		

9.2 Other Information

- No additional physical and chemical parameters noted.

Section 10: Stability and Reactivity

10.1 Reactivity

- No dangerous reaction known under conditions of normal use.

10.2 Chemical stability

- Stable under normal temperatures and pressures.

10.3 Possibility of hazardous reactions

- Hazardous polymerization will not occur.

10.4 Conditions to avoid

- Avoid freezing to avoid damage to packaging.

10.5 Incompatible materials

- Strong acids & alkaline materials.

10.6 Hazardous decomposition products

- Carbon dioxide and carbon monoxide.

Section 11 - Toxicological Information

11.1 Information on toxicological effects

		Components
Proprietary (< 0.1%)	Proprietary	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 2900 mg/kg; Inhalation-Rat LC50 • 11400 mg/m³ 4 Hour(s); Skin-Rabbit LD50 • 2335 mg/kg;</p> <p>Irritation: Eye-Human • 22 ppm;</p> <p>Multi-dose Toxicity: Inhalation-Rat TCLo • 600 ppm 6 Hour(s) 4 Week(s)-Intermittent; <i>Sense Organs and Special Senses:</i>Olfaction:Other changes;</p> <p>Reproductive: Ingestion/Oral-Rat TDLo • 91 g/kg (multigeneration); <i>Reproductive Effects:Maternal Effects:Other effects; Reproductive Effects:Effects on Embryo or Fetus:Fetotoxicity (except death, e.g., stunted fetus);</i></p> <p>Tumorigen / Carcinogen: Ingestion/Oral-Rat TDLo • 100 g/kg 2 Year(s)-Continuous; <i>Tumorigenic:Carcinogenic by RTECS criteria; Endocrine:Thyroid tumors; Reproductive Effects:Tumorigenic Effects:Uterine tumors</i></p>
Proprietary (< 0.085%)	Proprietary	<p>Acute Toxicity: Ingestion/Oral-Rat LD50 • 350 mg/kg; <i>Gastrointestinal:Other changes; Liver:Other changes; Kidney, Ureter, and Bladder:Other changes;</i> Inhalation-Human TCLo • 408 ppm; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Acute pulmonary edema;</i></p> <p>Irritation: Eye-Rabbit • 1 mg 30 Second(s)-Rinse • Severe irritation</p>
Limestone (< 50%)	1317-65-3	<p>Multi-dose Toxicity: Inhalation-Rat TCLo • 84 mg/m³ 4 Hour(s) 40 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Liver:Other changes; Kidney, Ureter, and Bladder:Other changes;</i> Inhalation-Rat TCLo • 250 mg/m³ 2 Hour(s) 24 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis)</i></p>
Quartz (< 0.75%)	14808-60-7	<p>Acute Toxicity: Inhalation-Human TCLo • 16 mppcf 8 Hour(s) 17.9 Year(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Cough; Lungs, Thorax, or Respiration:Dyspnea;</i> Inhalation-Rat TCLo • 200 mg/kg; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Lungs, Thorax, or Respiration:Other changes; Nutritional and Gross Metabolic:Changes in Chemistry or Temperature:Fe;</i></p> <p>Multi-dose Toxicity: Inhalation-Hamster TCLo • 3 mg/m³ 6 Hour(s) 78 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis (interstitial); Lungs, Thorax, or Respiration:Changes in lung weight;</i> Inhalation-Rat TCLo • 80 mg/m³ 26 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Fibrosis, focal (pneumoconiosis); Blood:Changes in spleen; Immunological Including Allergic:Decrease in cellular immune response;</i> Inhalation-Rat TCLo • 6.2 mg/m³ 6 Hour(s) 6 Week(s)-Intermittent; <i>Lungs, Thorax, or Respiration:Other changes; Blood:Changes in spleen; Immunological Including Allergic:Increase in cellular immune response;</i></p> <p>Mutagen: Micronucleus test • Unreported Route-Hamster • Lung (Somatic cell) • 160 µg/cm³; DNA damage • Unreported Route-Human • Other Cell Type • 120 mg/L 24 Hour(s); Micronucleus test • Unreported Route-Human • Lung (Somatic cell) • 40 µg/cm³;</p> <p>Tumorigen / Carcinogen: Inhalation-Rat TCLo • 50 mg/m³ 6 Hour(s) 71 Week(s)-Intermittent; <i>Tumorigenic:Carcinogenic by RTECS criteria; Liver:Tumors</i></p>

GHS Properties	Classification
Acute toxicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin corrosion/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Serious eye damage/Irritation	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Skin sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Respiratory sensitization	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Aspiration Hazard	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Carcinogenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Germ Cell Mutagenicity	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
Toxicity for Reproduction	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-SE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking
STOT-RE	EU/CLP • Data lacking OSHA HCS 2012 • Data lacking

Potential Health Effects

Inhalation

Acute (Immediate)

- Under normal conditions of use, no health effects are expected.

Chronic (Delayed)

- Under normal conditions of use, no health effects are expected.

Skin

Acute (Immediate)

- Brief contact not anticipated or shown to cause irritation.

Chronic (Delayed)

- May cause slight irritation on prolonged or repeated contact.

Eye

Acute (Immediate)

- May cause slight irritation.

Chronic (Delayed)

- No data available

Ingestion

Acute (Immediate)

- May cause irritation.

Chronic (Delayed)

- No data available

Carcinogenic Effects

- No carcinogenic effects are expected to be caused by this material during normal use. However this material does contain components that are classified by the International Agency for Research on Cancer (IARC) as Group 2B - possibly carcinogenic to humans and/or by the National Toxicology Program as having Evidence of Carcinogenicity.

Carcinogenic Effects			
	CAS	IARC	NTP
Acetaldehyde	75-07-0	Group 1-Carcinogenic	Reasonably Anticipated to be Human Carcinogen
Propane, 1,2-epoxy-	75-56-9	Group 2B-Possible Carcinogen	Reasonably Anticipated to be Human Carcinogen

Proprietary	Proprietary	Group 2B-Possible Carcinogen	Not Listed
Quartz	14808-60-7	Group 1-Carcinogenic	Known Human Carcinogen

Key to abbreviations

- LC = Lethal Concentration
- LD = Lethal Dose
- TC = Toxic Concentration
- TD = Toxic Dose

Section 12 - Ecological Information

12.1 Toxicity

- No information available for the product. Information on analogous products implies that this product will not be toxic to fish or plants.

12.2 Persistence and degradability

- Polymer is not biodegradable.

12.3 Bioaccumulative potential

- Material data lacking.

12.4 Mobility in Soil

- Material data lacking.

12.5 Results of PBT and vPvB assessment

- No PBT and vPvB assessment has been conducted.

12.6 Other adverse effects

- Material data lacking.

Section 13 - Disposal Considerations

13.1 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
IMO/IMDG	NDA	Not Regulated	NDA	NDA	NDA
IATA/ICAO	NDA	Not Regulated	NDA	NDA	NDA

14.6 Special precautions for user

- None specified.

14.7 Transport in bulk according to Annex II of

- Data lacking.

Marpol and the IBC Code

Section 15 - Regulatory Information

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

SARA Hazard Classifications • None

Inventory		
Component	CAS	TSCA
Acetaldehyde	75-07-0	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Proprietary	Proprietary	Yes
Limestone	1317-65-3	Yes
Proprietary	Proprietary	Yes
Propane, 1,2-epoxy-	75-56-9	Yes
Quartz	14808-60-7	Yes
Water	7732-18-5	Yes

United States

Labor

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

• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	2500 lb TQ
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - OSHA - Specifically Regulated Chemicals

• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed

Environment

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

• Propane, 1,2-epoxy-	75-56-9	100 lb final RQ; 45.4 kg final RQ
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	5000 lb final RQ; 2270 kg final RQ
• Acetaldehyde	75-07-0	1000 lb final RQ; 454 kg final RQ
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	1000 lb final RQ; 454 kg final RQ
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

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

• Propane, 1,2-epoxy-	75-56-9	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

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

• Propane, 1,2-epoxy-	75-56-9	100 lb EPCRA RQ
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	5000 lb EPCRA RQ
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

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

• Propane, 1,2-epoxy-	75-56-9	10000 lb TPQ
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	1000 lb TPQ
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

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

• Propane, 1,2-epoxy-	75-56-9	0.1 % de minimis concentration
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

• Proprietary	Proprietary	0.1 % de minimis concentration
• Acetaldehyde	75-07-0	0.1 % de minimis concentration
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed
U.S. - CERCLA/SARA - Section 313 - PBT Chemical Listing		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed
U.S. - CWA (Clean Water Act) - Reportable Quantities of Designated Hazardous Substances		
• Propane, 1,2-epoxy-	75-56-9	100 lb RQ
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	5000 lb RQ
• Acetaldehyde	75-07-0	1000 lb RQ
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	1000 lb RQ
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed
U.S. - CWA (Clean Water Act) - Toxic Pollutants		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed
U.S. - RCRA (Resource Conservation & Recovery Act) - Constituents for Detection Monitoring		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed

• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - List for Hazardous Constituents

• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - TSD Facilities Ground Water Monitoring

• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed

U.S. - RCRA (Resource Conservation & Recovery Act) - U Series Wastes - Acutely Toxic Wastes & Other Hazardous Characteristics

• Propane, 1,2-epoxy-	75-56-9	Not Listed
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	waste number U001 (Ignitable waste)
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	Not Listed
• Proprietary	Proprietary	Not Listed
• Water	7732-18-5	Not Listed
• Proprietary	Proprietary	Not Listed

United States - California

Environment

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

• Propane, 1,2-epoxy-	75-56-9	carcinogen, initial date 10/1/88
• Proprietary	Proprietary	Not Listed
• Proprietary	Proprietary	Not Listed
• Acetaldehyde	75-07-0	carcinogen, initial date 4/1/88
• Limestone	1317-65-3	Not Listed
• Proprietary	Proprietary	Not Listed
• Quartz	14808-60-7	carcinogen, initial date 10/1/88 (airborne particles of respirable size)

• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
U.S. - California - Proposition 65 - Developmental Toxicity		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
U.S. - California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
U.S. - California - Proposition 65 - No Significant Risk Levels (NSRL)		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Acetaldehyde	75-07-0	90 µg/day NSRL (inhalation)
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Female		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
U.S. - California - Proposition 65 - Reproductive Toxicity - Male		
• Propane, 1,2-epoxy-	75-56-9	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Acetaldehyde	75-07-0	Not Listed
• Limestone	1317-65-3	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Quartz	14808-60-7	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed
• Water	7732-18-5	Not Listed
• <i>Proprietary</i>	<i>Proprietary</i>	Not Listed

15.2 Chemical Safety Assessment

- No Chemical Safety Assessment has been carried out.

15.3 Other Information

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

Section 16 - Other Information

Relevant Phrases (code & full text)

- H302 - Harmful if swallowed
- H304 - May be fatal if swallowed and enters airways
- H315 - Causes skin irritation
- H318 - Causes serious eye damage
- H350i - May cause cancer by inhalation.
- H372 - Causes damage to organs through prolonged or repeated exposure.
- H373 - May cause damage to organs through prolonged or repeated exposure.
- EUH066 - Repeated exposure may cause skin dryness or cracking.
- R22 - Harmful if swallowed.
- R38 - Irritating to skin.
- R41 - Risk of serious damage to eyes.
- R45 - May cause cancer.
- R48/20 - Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- R65 - Harmful: may cause lung damage if swallowed.

Revision Date

- 07/July/2016

Preparation Date

- 29/June/2016

Disclaimer/Statement of Liability

- The information and recommendations set forth herein are taken from sources believed to be accurate as to the data hereof; however, Saint-Gobain Performance Plastics makes no warranty with respect to the accuracy of the information or the suitability of the recommendations and assures no liability to any user thereof.

Key to abbreviations

NDA = No data available