

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

**Section 1: IDENTIFICATION**

**Product Name:** ToughGard R Duct Liner  
**SDS Code:** CT-10168  
**Product Literature Code:** 30-33-055  
**Product Use:** Acoustical and thermal insulation.  
**Restrictions on Use:** Not available.  
**Manufacturer/Supplier:** CertainTeed  
18 Moores Road  
Malvern, PA 19355  
United States  
**Email:** CertainTeed-EHS@saint-gobain.com  
**Phone Number:** 610-893-6000  
**Emergency Phone:** ChemTel Inc.  
(800)255-3924 (North America)  
+1 (813)248-0585 (International)  
1-300-954-583 (Australia)  
0-800-591-6042 (Brazil)  
400-120-0751 (China)  
000-800-100-4086 (India)  
01-800-099-0731 (Mexico)  
**Date of Preparation of SDS:** April 27, 2022

**Section 2: HAZARD(S) IDENTIFICATION**

**GHS INFORMATION**

**Classification:** Not hazardous according to OSHA criteria (29 CFR 1910.1200).  
Not hazardous according to WHMIS 2015 criteria.  
Not hazardous according to NOM-018-STPS-2015 criteria.

**LABEL ELEMENTS**

**Hazard** None.

**Pictogram(s):**

**Signal Word:** None.

**Hazard Statements:** Not applicable.

**Precautionary Statements**

**Prevention:** Not applicable.

**Response:** Not applicable.

**Storage:** Not applicable.

**Disposal:** Not applicable.

**Hazards Not Otherwise Classified:** Not applicable.

**Ingredients with Unknown Toxicity:** None.

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

This material is not considered hazardous by the OSHA Hazard Communication Standard, (29 CFR 1910.1200).

This material is not considered hazardous by the Hazardous Products Regulations.

This material is not considered hazardous by the Mexican GHS standard NOM-018-STPS-2015.

**Section 3: COMPOSITION / INFORMATION ON INGREDIENTS**

Ingredient(s)	Common name / Synonyms	CAS No.	% wt./wt.
Biosoluble glass mineral wool	Not available.	Not available.	87 - 100

**Section 4: FIRST-AID MEASURES**

<b>Inhalation:</b>	Not a normal route of exposure. If dust is inhaled: Call a poison center or doctor if you feel unwell.  <b>Acute and delayed symptoms and effects:</b> Not a normal route of exposure. If present, dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
<b>Eye Contact:</b>	In case of mechanical impact with the eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.  <b>Acute and delayed symptoms and effects:</b> Handling of sheets is unlikely to cause any adverse effects on the eyes. Use personal protection recommended in Section 8.
<b>Skin Contact:</b>	Wash with plenty of water.  <b>Acute and delayed symptoms and effects:</b> Handling of sheets is unlikely to cause any adverse effects on the skin. Use personal protection recommended in Section 8.
<b>Ingestion:</b>	Not a normal route of exposure.  <b>Acute and delayed symptoms and effects:</b> Not a normal route of exposure.
<b>General Advice:</b>	In case of accident or if you feel unwell, seek medical advice immediately (show the label or SDS where possible).
<b>Note to Physicians:</b>	Symptoms may not appear immediately.

**Section 5: FIRE-FIGHTING MEASURES**

**FLAMMABILITY AND EXPLOSION INFORMATION**

Not flammable or combustible by OSHA/WHMIS criteria.

**Sensitivity to Mechanical Impact:** This material is not sensitive to mechanical impact.

**Sensitivity to Static Discharge:** This material is not sensitive to static discharge.

**MEANS OF EXTINCTION**

**Suitable Extinguishing Media:** Small Fire: Dry chemical, CO2, water spray or regular foam.  
Large Fire: Water spray, fog or regular foam. Move containers from fire area if you can do it without risk.

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

**Unsuitable Extinguishing Media:** Not available.

**Products of Combustion:** Oxides of carbon.

**Protection of Firefighters:** Fire may produce irritating, corrosive and/or toxic gases. Runoff from fire control or dilution water may cause pollution. Wear positive pressure self-contained breathing apparatus (SCBA). Structural firefighters' protective clothing will only provide limited protection.

**Section 6: ACCIDENTAL RELEASE MEASURES**

**Emergency Procedures:** Keep unauthorized personnel away.

**Personal Precautions:** Use personal protection recommended in Section 8.

**Environmental Precautions:** Keep out of drains, sewers, ditches, and waterways.

**Methods for Containment:** Do not flush to sewer or allow to enter waterways.

**Methods for Clean-Up:** Sweep up and shovel into suitable containers for disposal.

**Other Information:** See Section 13 for disposal considerations.

**Section 7: HANDLING AND STORAGE**

**Handling:**

Do not swallow. Wash hands thoroughly after handling. See Section 8 for information on Personal Protective Equipment.

**Storage:**

Store away from incompatible materials. See Section 10 for information on Incompatible Materials. Keep out of the reach of children.

**Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Exposure Guidelines**

**Component**

Biosoluble glass mineral wool [CAS No. Not available.]

**ACGIH:** 1 f/cc (TWA) (1999)

**OSHA:** 15 mg/m<sup>3</sup> (Total dust) (TWA), 5 mg/m<sup>3</sup> (Respirable fraction) (TWA); For Particulates Not Otherwise Regulated (PNOR).

**TWA:** Time-Weighted Average

**Engineering Controls:**

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapour, gas, etc.) below recommended exposure limits. Use explosion-proof electrical, ventilating, and lighting equipment.

**PERSONAL PROTECTIVE EQUIPMENT (PPE)**



SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

<b>Eye/Face Protection:</b>	Wear safety glasses. Use equipment for eye protection that meets the standards referenced by CSA Standard CAN/CSA-Z94.3:20 and OSHA regulations in 29 CFR 1910.133 for Personal Protective Equipment.
<b>Hand Protection:</b>	Wear protective gloves. Consult manufacturer specifications for further information.
<b>Skin and Body Protection:</b>	Wear protective clothing.
<b>Respiratory Protection:</b>	Not normally required. If engineering controls and ventilation are not sufficient to control exposure to below the allowable limits then an appropriate NIOSH/MSHA approved air-purifying respirator that meets the requirements of CSA Standard CAN/CSA-Z94.4-18, with organic vapor cartridge, or self-contained breathing apparatus must be used. Supplied air breathing apparatus must be used when oxygen concentrations are low or if airborne concentrations exceed the limits of the air-purifying respirators.
<b>General Hygiene Considerations:</b>	Handle according to established industrial hygiene and safety practices. Consult a competent industrial hygienist to determine hazard potential and/or the PPE manufacturers to ensure adequate protection.

#### Section 9: PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Sheets of glass fiber insulation.
<b>Colour:</b>	According to product specification.
<b>Odour:</b>	Nearly odourless.
<b>Odour Threshold:</b>	Not available.
<b>Physical State:</b>	Solid.
<b>pH:</b>	Not available.
<b>Melting Point / Freezing Point:</b>	Not available.
<b>Initial Boiling Point:</b>	Not available.
<b>Boiling Range:</b>	Not available.
<b>Flash Point:</b>	Not available.
<b>Evaporation Rate:</b>	Not available.
<b>Flammability (solid, gas):</b>	Product is not flammable.
<b>Lower Flammability Limit:</b>	Not available.
<b>Upper Flammability Limit:</b>	Not available.
<b>Vapor Pressure:</b>	Not available.
<b>Vapor Density:</b>	Not available.

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

<b>Relative Density:</b>	Not available.
<b>Solubilities:</b>	Insoluble in water.
<b>Partition Coefficient: n-Octanol/Water:</b>	Not available.
<b>Auto-ignition Temperature:</b>	Not available.
<b>Decomposition Temperature:</b>	Not available.
<b>Viscosity:</b>	Not available.
<b>Percent Volatile, wt. %:</b>	Not available.
<b>VOC content, wt. %:</b>	Not available.
<b>Density:</b>	Not available.
<b>Coefficient of Water/Oil Distribution:</b>	Not available.

**Section 10: STABILITY AND REACTIVITY**

<b>Reactivity:</b>	Contact with incompatible materials. Exposure to heat.
<b>Chemical Stability:</b>	Stable under normal storage conditions.
<b>Possibility of Hazardous Reactions:</b>	None known.
<b>Conditions to Avoid:</b>	Contact with incompatible materials. Exposure to heat.
<b>Incompatible Materials:</b>	Strong acids.
<b>Hazardous Decomposition Products:</b>	Not available.

**Section 11: TOXICOLOGICAL INFORMATION**

**EFFECTS OF ACUTE EXPOSURE**

**Product Toxicity**

<b>Oral:</b>	Not available.
<b>Dermal:</b>	Not available.
<b>Inhalation:</b>	Not available.

**Component Toxicity**

<b>Component</b>	<b>CAS No.</b>	<b>LD<sub>50</sub> oral</b>	<b>LD<sub>50</sub> dermal</b>	<b>LC<sub>50</sub></b>
Biosoluble glass mineral wool	Not available.	Not available.	Not available.	Not available.

**Likely Routes of Exposure:** Eye contact. Skin contact. Inhalation. Ingestion.

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.

**Symptoms (including delayed and immediate effects)**

**Inhalation:** Not a normal route of exposure. If present, dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

**Eye:** Handling of sheets is unlikely to cause any adverse effects on the eyes. Use personal protection recommended in Section 8.

**Skin:** Handling of sheets is unlikely to cause any adverse effects on the skin. Use personal protection recommended in Section 8.

**Ingestion:** Not a normal route of exposure.

**Skin Sensitization:** Not available.

**Respiratory Sensitization:** Not available.

**Medical Conditions** Not available.

**Aggravated By Exposure:**

**EFFECTS OF CHRONIC EXPOSURE (from short and long-term exposure)**

**Target Organs:** Skin. Eyes. Gastrointestinal tract. Respiratory system.

**Chronic Effects:** Prolonged or repeated contact may dry skin and cause irritation.

**Carcinogenicity:** This product does not contain any carcinogens or potential carcinogens above reportable thresholds as listed by ACGIH, IARC, OSHA, or NTP.

**Mutagenicity:** Not available.

**Reproductive Effects:** Not available.

**Developmental Effects**

**Teratogenicity:** Not available.

**Embryotoxicity:** Not available.

**Toxicologically Synergistic Materials:** Not available.

**Section 12: ECOLOGICAL INFORMATION**

**Ecotoxicity:** Not available.

**Persistence / Degradability:** Not available.

**Bioaccumulation / Accumulation:** Not available.

**Mobility in Environment:** Not available.

**Other Adverse Effects:** Not available.

**Section 13: DISPOSAL CONSIDERATIONS**

**Disposal Instructions:** Disposal should be in accordance with applicable regional, national and local laws and regulations. Local regulations may be more stringent than regional or national requirements.

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

**Section 14: TRANSPORT INFORMATION**

**U.S. Department of Transportation (DOT)**

**Proper Shipping Name:** Not regulated.

**Class:** Not applicable.

**UN Number:** Not applicable.

**Packing Group:** Not applicable.

**Placard(s):** Not applicable.

**Canada Transportation of Dangerous Goods (TDG)**

**Proper Shipping Name:** Not regulated.

**Class:** Not applicable.

**UN Number:** Not applicable.

**Packing Group:** Not applicable.

**Placard(s):** Not applicable.

**Section 15: REGULATORY INFORMATION**

**Chemical Inventories**

**US (TSCA)**

The components of this product are in compliance with the chemical notification requirements of TSCA.

**Canada (DSL)**

The components of this product are in compliance with the chemical notification requirements of the NSN Regulations under CEPA, 1999.

**Federal Regulations**

**United States**

This SDS has been prepared to meet the U.S. OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**Mexico**

This SDS has been prepared to meet the Mexican GHS standard NOM-018-STPS-2015.

**SARA Title III**

No components are listed.

**State Regulations**

**Massachusetts**

US Massachusetts Commonwealth's Right-to-Know Law (Appendix A to 105 Code of Massachusetts Regulations Section 670.000)

No components are listed.

SAFETY DATA SHEET according to the US OSHA Hazard Communication Standard (29 CFR 1910.1200) and the Canadian Hazardous Products Regulations

**New Jersey**

US New Jersey Worker and Community Right-to-Know Act (New Jersey Statute Annotated Section 34:5A-5)

No components are listed.

**Pennsylvania**

US Pennsylvania Worker and Community Right-to-Know Law (34 Pa. Code Chap. 301-323)

No components are listed.

**California**

**California Prop 65:** This product does not contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**Section 16: OTHER INFORMATION**

**Disclaimer:**

The information contained in this document applies to this specific material as supplied. It may not be valid for this material if it is used in combination with any other materials. It is the user's responsibility to satisfy oneself as to the suitability and completeness of this information for their own particular use.

**Date of Preparation of SDS:** April 27, 2022

**Version:** 1.0

**GHS SDS Prepared by:** Aegis Regulatory Inc.

**Phone:** 1 (519) 488-0351

**www.aegisreg.com**