



# INSULPURE

## Safety Data Sheet

According to U.S. Federal Register / Vol. 77, No. 58 / Monday, March 26, 2012 / Rules And Regulations and according to Canada's Hazardous Products Regulation, February 11, 2015.

Date of Issue: 03/09/2022

Version: 2.0

### SECTION 1: IDENTIFICATION

#### Product Identifier

**Product Form:** Mixture

**Product Name:** INSULPURE

**Other product identifiers:**

Product Literature code: 30-70-078

AcoustaTherm Batts (Unfaced, Kraft)

Basement Wall Insulation (Perforated)

Duct Wrap/Wide Wrap Duct Wrap

EASYTOUCH

Fiber Glass Insulation (White PSK)

FSK Marine Thermal Blanket

Metal Building Insulation (Chowchilla)

Noise Reducer

SpeedyR Tableless Batts

INSULPURE (Unfaced and Kraft)

INSULPURE Kraft and Unfaced (CAN produced)

INSULPURE Unfaced

Thermal batts (Kraft, Foil, FSK faced)

UltraTherm

Universal Blanket

#### Intended Use of the Product

Acoustical & thermal insulation (Manufactured Article).

#### Name, Address, and Telephone of the Responsible Party

##### **Company**

Saint Gobain CertainTeed

20 Moores Road

Malvern, PA 19355

Professional: 800-233-8990

Consumer: 800-782-8777

[www.certainteed.com](http://www.certainteed.com)

#### Emergency Telephone Number

**Emergency Number :**

ChemTel LLC

Domestic: 1-800-255-3924

International: +1-813-248-0585

Australia: 1-300-954-583

Brazil: 0-800-591-6042

China: 400-120-0751

India: 000-800-100-4086

Mexico: 800-099-0731

### SECTION 2: HAZARDS IDENTIFICATION

#### Classification of the Substance or Mixture

##### **GHS Classification**

No classification required according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2015-17.

#### Label Elements

##### **GHS Labeling**

No labeling applicable according to 29 CFR 1910.1200 and the Hazardous Products Regulations (HPR) SOR/2015-17.

#### Other Hazards

Exposure may aggravate pre-existing eye, skin, or respiratory conditions.

# INSULPURE

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### Unknown acute toxicity

No data available

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### Mixture

Name	Synonyms	Product Identifier	%*	GHS Ingredient Classification
Non-biopersistent (biosoluble) glass fibers			78 – 97	Not classified
Salt of polycarboxylic acid			≤ 2.7645	Met. Corr. 1, H290

Full text of H-phrases: see section 16

\*Percentages are listed in weight by weight percentage (w/w%) for liquid and solid ingredients. Gas ingredients are listed in volume by volume percentage (v/v%).

## SECTION 4: FIRST AID MEASURES

### Description of First-aid Measures

**General:** Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).

**Inhalation:** When symptoms occur: go into open air and ventilate suspected area. Obtain medical attention if breathing difficulty persists.

**Skin Contact:** Brush off loose particles from skin. Wash with plenty of soap and water. Remove contaminated clothing. Obtain medical attention if irritation develops or persists.

**Eye Contact:** Rinse cautiously with water for at least 5 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Obtain medical attention if irritation develops or persists.

**Ingestion:** Rinse mouth. Do NOT induce vomiting. Obtain medical attention.

### Most Important Symptoms and Effects Both Acute and Delayed

**General:** Not expected to present a significant hazard under anticipated conditions of normal use.

**Inhalation:** Prolonged exposure may cause irritation.

**Skin Contact:** Direct contact may cause irritation by mechanical abrasion.

**Eye Contact:** May cause mechanical eye irritation.

**Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### Indication of Any Immediate Medical Attention and Special Treatment Needed

If exposed or concerned, get medical advice and attention. If medical advice is needed, have product container or label at hand.

## SECTION 5: FIRE-FIGHTING MEASURES

### Extinguishing Media

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Unsuitable Extinguishing Media:** None known.

### Special Hazards Arising From the Substance or Mixture

**Fire Hazard:** Not considered flammable but may burn at high temperatures.

**Explosion Hazard:** Product is not explosive.

**Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.

### Advice for Firefighters

**Precautionary Measures Fire:** Exercise caution when fighting any chemical fire.

**Firefighting Instructions:** Use water spray or fog for cooling exposed containers. Use firefighting measures appropriate for the surrounding fire.

**Protection During Firefighting:** Do not enter fire area without proper protective equipment, including respiratory protection. Exercise caution when fighting any fire.

**Hazardous Combustion Products:** Carbon oxides (CO, CO<sub>2</sub>). Nitrogen oxides.

### Reference to Other Sections

Refer to Section 9 for flammability properties.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment and Emergency Procedures

**General Measures:** Avoid generating dust. Avoid breathing dust. Avoid prolonged contact with eyes, skin and clothing.

# INSULPURE

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### For Non-Emergency Personnel

**Protective Equipment:** Use appropriate personal protective equipment (PPE).

**Emergency Procedures:** Evacuate unnecessary personnel. Evacuate the area if accidental release presents a significant hazard.

### For Emergency Personnel

**Protective Equipment:** Equip cleanup crew with proper protection. Follow Protocol.

**Emergency Procedures:** Upon arrival at the scene, a first responder is expected to recognize the presence of dangerous goods, protect oneself and the public, secure the area, and call for the assistance of trained personnel as soon as conditions permit.

Ventilate area.

### Environmental Precautions

Prevent entry to sewers and public waters.

### Methods and Materials for Containment and Cleaning Up

**For Containment:** Contain solid spills with appropriate barriers and prevent migration and entry into sewers or streams.

**Methods for Cleaning Up:** Clean up spills immediately and dispose of waste safely. Recover the product by vacuuming, shoveling or sweeping. Transfer spilled material to a suitable container for disposal. Contact competent authorities after a spill.

### Reference to Other Sections

See Section 8 for exposure controls and personal protection and Section 13 for disposal considerations.

## SECTION 7: HANDLING AND STORAGE

### Precautions for Safe Handling

**Precautions for Safe Handling:** Avoid dust formation. Avoid breathing dust. Avoid prolonged contact with eyes, skin and clothing.

Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

**Hygiene Measures:** Handle in accordance with good industrial hygiene and safety procedures.

### Conditions for Safe Storage, Including Any Incompatibilities

**Technical Measures:** Comply with applicable regulations.

**Storage Conditions:** Store in a well-ventilated place. Store in a dry, cool place.

**Incompatible Materials:** Hydrofluoric acid. Hydrogen fluoride. Strong acids.

### Specific End Use(s)

Acoustical & thermal insulation (Manufactured Article).

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

For substances listed in section 3 that are not listed here, there are no established exposure limits from the manufacturer, supplier, importer, or the appropriate advisory agency including: ACGIH (TLV), AIHA (WEEL), NIOSH (REL), or OSHA (PEL).

Non-biopersistent (biosoluble) glass fibers		
USA OSHA	OSHA PEL (TWA)	15 mg/m <sup>3</sup>
USA NIOSH	NIOSH REL (TWA)	3 fibers/cm <sup>3</sup> (fibers with diameter ≤ 3.5 µm & length ≥ 10 µm) / 5 mg/m <sup>3</sup> (total fibrous glass)

### Exposure Controls

**Appropriate Engineering Controls:** Suitable eye/body wash equipment should be available in the vicinity of any potential exposure. Ensure adequate ventilation, especially in confined areas. Ensure all national/local regulations are observed.

**Personal Protective Equipment:** Gloves. Protective clothing. Protective goggles.



**Materials for Protective Clothing:** Wear protective materials and fabrics as conditions warrant.

**Hand Protection:** Wear protective gloves to protect from abrasion.

**Eye Protection:** Chemical safety goggles.

**Skin and Body Protection:** Wear suitable protective clothing.

**Respiratory Protection:** A properly fitted NIOSH (American National Institute for Occupational Safety and Health) approved disposable N 95 series dust respirator such as type 3M 8210 (formerly 8710) or 3M 8271 (formerly 9900) respirator should be used under any dust environment or during a process that generates dusts. Use respiratory protection in accordance with the respiratory protection program of your company, local regulations and OSHA regulations under 29CFR 1910.134

**Other Information:** When using, do not eat, drink or smoke.

# INSULPURE

Safety Data Sheet

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

Physical State	: Solid
Appearance	: Tan
Odor	: Slightly sweet
Odor Threshold	: Not available
pH	: Not applicable
Evaporation Rate	: Not available
Melting Point	: 1204 °C (2199.2 °F)
Freezing Point	: Not available
Boiling Point	: Not available
Flash Point	: Not available
Auto-ignition Temperature	: Not determined
Decomposition Temperature	: Not available
Flammability (solid, gas)	: Product is not flammable
Lower Flammable Limit	: Not available
Upper Flammable Limit	: Not available
Vapor Pressure	: Not applicable
Relative Vapor Density at 20°C	: Not available
Relative Density	: 2.5
Specific Gravity	: Not available
Solubility	: Insoluble in water
Partition Coefficient: N-Octanol/Water	: Not available
Viscosity	: Not available

## SECTION 10: STABILITY AND REACTIVITY

**Reactivity:** The product is non-reactive under normal conditions of use, storage and transport.

**Chemical Stability:** Stable under recommended handling and storage conditions (see section 7).

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Avoid dust formation. Moisture.

**Incompatible Materials:** Hydrofluoric acid. Hydrogen fluoride. Strong acids.

**Hazardous Decomposition Products:** Not expected to decompose under ambient conditions. Thermal decomposition may produce: Carbon oxides (CO, CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### Information on Toxicological Effects - Product

**Acute Toxicity (Oral):** Not classified (Based on available data, the classification criteria are not met)

**Acute Toxicity (Dermal):** Not classified (Based on available data, the classification criteria are not met)

**Acute Toxicity (Inhalation):** Not classified (Based on available data, the classification criteria are not met)

**LD50 and LC50 Data:** Not available

**Skin Corrosion/Irritation:** Not classified (Based on available data, the classification criteria are not met)

**pH:** Not applicable

**Eye Damage/Irritation:** Not classified (Based on available data, the classification criteria are not met)

**pH:** Not applicable

**Respiratory or Skin Sensitization:** Not classified (Based on available data, the classification criteria are not met)

**Germ Cell Mutagenicity:** Not classified (Based on available data, the classification criteria are not met)

**Carcinogenicity:** Not classified (Based on available data, the classification criteria are not met)

**Specific Target Organ Toxicity (Repeated Exposure):** Not classified (Based on available data, the classification criteria are not met)

**Reproductive Toxicity:** Not classified (Based on available data, the classification criteria are not met)

**Specific Target Organ Toxicity (Single Exposure):** Not classified (Based on available data, the classification criteria are not met)

**Aspiration Hazard:** Not classified

**Symptoms/Effects After Inhalation:** Prolonged exposure may cause irritation.

**Symptoms/Effects After Skin Contact:** Direct contact may cause irritation by mechanical abrasion.

# INSULPURE

## Safety Data Sheet

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**Symptoms/Effects After Eye Contact:** May cause mechanical eye irritation.

**Symptoms/Effects After Ingestion:** Ingestion may cause adverse effects.

**Chronic Symptoms:** None expected under normal conditions of use.

### **Information on Toxicological Effects - Ingredient(s)**

**LD50 and LC50 Data:** Not available

## **SECTION 12: ECOLOGICAL INFORMATION**

### **Toxicity**

**Ecology - General:** Not classified.

### **Persistence and Degradability**

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<b>Persistence and Degradability</b>	Not established.

### **Bioaccumulative Potential**

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<b>Bioaccumulative Potential</b>	Not established.

**Mobility in Soil** Not available

### **Other Adverse Effects**

**Other Information:** Avoid release to the environment.

## **SECTION 13: DISPOSAL CONSIDERATIONS**

**Waste Disposal Recommendations:** Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

**Ecology - Waste Materials:** Avoid release to the environment.

## **SECTION 14: TRANSPORT INFORMATION**

The shipping description(s) stated herein were prepared in accordance with certain assumptions at the time the SDS was authored, and can vary based on a number of variables that may or may not have been known at the time the SDS was issued.

Not regulated for transport according to: US DOT, IMDG, IATA, and Canada's TDG

## **SECTION 15: REGULATORY INFORMATION**

### **US Federal Regulations**

Chemical Name (CAS No.)	CERCLA RQ	EPCRA 304 RQ	SARA 302 TPQ	SARA 313
Non-biopersistent (biosoluble) glass fibers (Not applicable)	Not applicable	Not applicable	Not applicable	No
Salt of polycarboxylic acid (Not applicable)	Not applicable	Not applicable	Not applicable	No

**SARA 311/312** Not present

**US TSCA Flags** Not present

### **US State Regulations**

#### **California Proposition 65**

Chemical Name (CAS No.)	Carcinogenicity	Developmental Toxicity	Female Reproductive Toxicity	Male Reproductive Toxicity
Non-biopersistent (biosoluble) glass fibers (Not applicable)	No	No	No	No
Salt of polycarboxylic acid (Not applicable)	No	No	No	No

### **State Right-To-Know Lists**

<b>Non-biopersistent (biosoluble) glass fibers</b>
U.S. - Massachusetts - Right To Know List - No
U.S. - New Jersey - Right to Know Hazardous Substance List - No
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List - No
U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances - No
U.S. - Pennsylvania - RTK (Right to Know) List - No

  

<b>Salt of polycarboxylic acid</b>
U.S. - Massachusetts - Right To Know List - No
U.S. - New Jersey - Right to Know Hazardous Substance List - No
U.S. - Pennsylvania - RTK (Right to Know) - Environmental Hazard List - No

# INSULPURE

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U.S. - Pennsylvania - RTK (Right to Know) - Special Hazardous Substances - No

U.S. - Pennsylvania - RTK (Right to Know) List - No

### Canadian Regulations

#### Non-biopersistent (biosoluble) glass fibers

Not listed on the Canadian DSL (Domestic Substances List)

Not listed on the Canadian NDSL (Non-Domestic Substances List)

#### Salt of polycarboxylic acid

Not listed on the Canadian DSL (Domestic Substances List)

Not listed on the Canadian NDSL (Non-Domestic Substances List)

### International Inventories/Lists

Chemical Name (CAS No.)	Australia AICS	Turkey CICR	Korea ECL	EU EINECS	EU ELINCS	EU SVHC	EU NLP	Mexico INSQ
Non-biopersistent (biosoluble) glass fibers (Not applicable)	No	No	No	No	No	No	No	No
Salt of polycarboxylic acid (Not applicable)	No	No	No	No	No	No	No	No

Chemical Name (CAS No.)	China IECSC	Japan ENCS	Japan ISHL	Japan PDSCL	Japan PRTR	Philippines PICCS	New Zealand NZIOC	US TSCA
Non-biopersistent (biosoluble) glass fibers (Not applicable)	No	No	No	No	No	No	No	No
Salt of polycarboxylic acid (Not applicable)	No	No	No	No	No	No	No	No

## SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Date of Preparation or Latest Revision : 03/09/2022

### Revision Summary

#### Other Information

: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200 and Canada's Hazardous Products Regulations (HPR) SOR/2015-17.

H290

May be corrosive to metals

### Abbreviations and Acronyms

AIHA: American Industrial Hygiene Association

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NIOSH - National Institute for Occupational Safety and Health

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

OSHA: Occupational Safety & Health Administration

PEL: Permissible Exposure Limits

TLV: Threshold Limit Value

TSCA: United States Toxic Substances Control Act

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.*