Safety Data Sheet



Section 1: Identification

Product identifier

Product Name • Premium Unbonded Blowing Wools CT10093-8

Synonyms • InsulSafe®; InsulSafe®SP; InsulSafe®XC; Northern White; OPTIMA®; TrueComfort™;

TrueComfort™ - Canada

Product Literature Code: 30-24-235.

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

Recommended use • Thermal Insulation

Details of the supplier of the safety data sheet

Manufacturer • CertainTeed Corporation

20 Moores Road Malvern, PA 19355 United States www.certainteed.com

CertainTeed-EHS@saint-gobain.com

Telephone (General) • 610-893-6000

Emergency telephone number

Manufacturer • 800-424-9300 - CHEMTREC

Section 2: Hazard Identification

United States (US)

According to: OSHA 29 CFR 1910.1200 HCS

Classification of the substance or mixture

OSHA HCS 2012 • Not classified

Label elements
OSHA HCS 2012

Hazard statements • No label element(s) required

Other hazards

• This product is not considered hazardous under the U.S. OSHA 29 CFR 1910.1200

Hazard Communication Standard.

Canada

According to: WHMIS

Classification of the substance or mixture

WHMIS • Not classified

Label elements

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OSHA HCS 2012

WHMIS

No label element(s) required.

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

Substances

Material does not meet the criteria of a substance.

Mixtures

Composition							
Chemical Name	Identifiers	%	LD50/LC50	Classifications According to Regulation/Directive	Comments		
Glass, oxide, chemicals	CAS :65997-17-3	<= 99%	NDA	OSHA HCS 2012: Not Classified	NDA		
Mineral oil, petroleum distillates, solvent- dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	CAS :64742-65-0	<= 2.7%	Ingestion/Oral-Rat LD50 • >5000 mg/kg Skin-Rabbit LD50 • >5000 mg/kg	OSHA HCS 2012: Not Classified	NDA		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	CAS :64742- 54-7	<= 2.7%	NDA	OSHA HCS 2012: Asp. Tox. 1	NDA		

Section 4: First-Aid Measures

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.

Skin

 IF ON SKIN: Wash with plenty of soap and water. 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. 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

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Suitable Extinguishing Media • In case of fire use media as appropriate for surrounding fire.

Unsuitable Extinguishing

Media

No data available

Special hazards arising from the substance or mixture

Unusual Fire and Explosion Hazards

Product does not support combustion.

Hazardous Combustion Products

A non-hazardous mineral oil dust suppressant additive in the product may emit carbon monoxide as a decomposition product.

Advice for firefighters

 Structural firefighters' protective clothing provides limited protection in fire situations ONLY: it is not effective in spill situations where direct contact with the substance is possible.

Wear chemical protective clothing that is specifically recommended by the manufacturer. It may provide little or no thermal protection.

Wear positive pressure self-contained breathing apparatus (SCBA).

Section 6 - Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Personal Precautions

 Ventilate enclosed areas. Do not walk through spilled material. Wear appropriate protective equipment. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing.

Emergency Procedures

 As an immediate precautionary measure, isolate spill or leak area for at least 25 meters (75 feet) in all directions. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Stay upwind. Keep out of low areas. Keep unauthorized personnel away.

Environmental precautions

No special precautions necessary.

Methods and material for containment and cleaning up

Containment/Clean-up

· Vacuum dust deposits.

Measures

Avoid generating dust 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 well-ventilated place. Keep container tightly closed.

Section 8 - Exposure Controls/Personal Protection

Control parameters

Exposure Limits/Guidelines						
Result ACGIH NIOSH						
	1 fiber/cm3 TWA (respirable fibers: length >5 μm,					

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Glass, oxide, chemicals	TWAs	using phase-contrast illumination, listed under Synthetic vitreous fibers)	3 fiber/cm3 TWA (fibers <= 3.5 μm in diameter and >= 10 μm in length); 5 mg/m3 TWA (total) as Glass wool fiber
		as Glass wool fiber	

Exposure Control Notations ACGIH

 Glass, oxide, chemicals as Glass wool fiber: Carcinogens: (A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans (listed under Synthetic vitreous fibers))

Exposure controls

Engineering Measures/Controls Avoid spread of fiber glass dust. Provide general and/or local exhaust ventilation to control airborne dust levels below exposure limits.

Personal Protective Equipment

Respiratory

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) respirators 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 29 CFR 1910.134.

Eye/Face

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

Hands

Leather or cotton gloves may be worn to prevent skin contact and irritation.

Skin/Body

Work clothing sufficient to prevent all skin contact should be worn, such as overalls, long sleeves and cap.

General Industrial Hygiene Considerations

Wash hands, face and other potentially exposed areas immediately after handling material (especially before eating, drinking, or smoking). Decontaminate all protective equipment after use.

Environmental Exposure Controls

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

Key to abbreviations

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

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

Section 9 - Physical and Chemical Properties

Information on Physical and Chemical Properties

Material Description					
Physical Form	Solid	Appearance/Description	White, unbonded glass fibers with no odor.		
Color	White	Odor	None		
Odor Threshold	No data available				
General Properties					
Boiling Point	No data available	Melting Point/Freezing Point	2200 °F(1204.4444 °C)		
Decomposition Temperature	No data available	рН	No data available		
Specific Gravity/Relative Density Glass = 2.5 Water Solubility No data available					
Viscosity	No data available				
Volatility			-		

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Vapor Pressure	No data available	Vapor Density	No data available		
Evaporation Rate	No data available				
Flammability					
Flash Point	No data available	UEL	No data available		
LEL	No data available	Autoignition	No data available		
Flammability (solid, gas)	No data available				
Environmental					
Octanol/Water Partition coefficient	No data available				

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

Incompatible materials.

Incompatible materials

· Hydrofluoric acid.

Hazardous decomposition products

• A non-hazardous mineral oil dust suppressant additive in the product may emit carbon monoxide as a decomposition product.

Section 11 - Toxicological Information

Information on toxicological effects

Other Material Information

 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) respirators 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 29 CFR 1910.134.

Components					
Glass, oxide, chemicals (<= 99%)	65997- 17-3	Tumorigen / Carcinogen: Inhalation-Rat TCLo • 5 mg/m³ 7 Hour(s) 90 Week(s)-Intermittent; Tumorigenic:Carcinogenic by RTECS criteria; Blood:Leukemia			
Mineral oil, petroleum distillates, solvent- dewaxed heavy paraffinic (mild or nosolvent- refining or hydrotreatment) (<= 2.7%)	64742- 65-0	Acute Toxicity: Ingestion/Oral-Rat LD50 • >5000 mg/kg; Skin-Rabbit LD50 • >5000 mg/kg; Tumorigen / Carcinogen: Skin-Mouse • 389 g/kg 78 Week(s)-Intermittent; Tumorigenic:Equivocal tumorigenic agent by RTECS criteria; Skin and Appendages:Other:Tumors; Tumorigenic:Tumors at site of application			
Hydrotreated heavy paraffinic petroleum distillate (highly refined) (<= 2.7%)	64742- 54-7	Acute Toxicity: Ingestion/Oral-Rat LD50 • >15 g/kg; Skin-Rabbit LD50 • >5 g/kg; Multi-dose Toxicity: Inhalation-Rat TCLo • 1000 mg/m³ 4 Week(s)-Intermittent; Lungs, Thorax, or Respiration:Changes in lung weight			

GHS Properties	Classification

Acute toxicity	OSHA HCS 2012 • No data available
Skin corrosion/Irritation	OSHA HCS 2012 • No data available
Serious eye damage/Irritation	OSHA HCS 2012 • No data available
Skin sensitization	OSHA HCS 2012 • No data available
Respiratory sensitization	OSHA HCS 2012 • No data available
Aspiration Hazard	OSHA HCS 2012 • No data available
Carcinogenicity	OSHA HCS 2012 • No data available
Germ Cell Mutagenicity	OSHA HCS 2012 • No data available
Toxicity for Reproduction	OSHA HCS 2012 • No data available
STOT-SE	OSHA HCS 2012 • No data available
STOT-RE	OSHA HCS 2012 • No data available

Potential Health Effects Inhalation

Acute (Immediate)
Chronic (Delayed)

- The dust from this material may cause respiratory irritation.
- 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.

Skin

Acute (Immediate)
Chronic (Delayed)

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

Eve

Acute (Immediate)

Contact with the eyes may cause irritation due to the abrasive action of the dust. Not
expected to cause prolonged or significant eye irritation. Material is dusty and may
scratch the surface of the eye.

Chronic (Delayed)

Ingestion

Acute (Immediate)

Chronic (Delayed)

Carcinogenic Effects

Data lacking.

Unlikely. Contact physician if unusual reaction is noted.

Data lacking.

• This product contains glass wool insulation fibers. Following a thorough review of all the medical-scientific data available at a meeting in October 2001, the IARC panel lowered the classification for glass wool insulation fibers from a Group 2B classification ("possibly carcinogenic to humans") to a Group 3 classification ("not classifiable as to carcinogenicity to humans"). According to IARC, there is "no evidence of increased risks of lung cancer or of mesothelioma from occupational exposures during manufacturing of these materials, and inadequate evidence overall of any cancer risk."

Carcinogenic Effects				
CAS NTP				
Glass, oxide, chemicals as Glass wool fiber	NDA	Reasonably Anticipated to be Human Carcinogen		

Key to abbreviations

LD = Lethal Dose

TC = Toxic Concentration

Section 12 - Ecological Information

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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

Material data lacking.

Bioaccumulative potential

Material data lacking.

Mobility in Soil

Material data lacking.

Other adverse effects

Ecological Fate

Material data lacking.

Other Information

CertainTeed's residential fiber glass insulation batts meet GREENGUARD Emission Standards. CertainTeed's certification confirms compliance with GREENGUARD Emission Standards, which are based on criteria used by the State of Washington. the U.S. Environmental Protection Agency (EPA), OSHA and the World Health Organization for total particulate and Volatile Organic Compounds (VOC) emissions. Additionally, CertainTeed's residential fiber glass insulation products meet the following emission criteria: California Section CA1350 material specification for schools and offices; OSHA Purchase Specification; State of Washington; EPA; and Proposed State of California. CertainTeed's residential fiber glass insulations also meet the EPA Recovered Material Guideline for recycled content.

Section 13 - Disposal Considerations

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

	UN number	UN proper shipping name	Transport hazard class(es)	Packing group	Environmental hazards
DOT	NDA	Not Regulated	NDA	NDA	NDA
TDG	NDA	Not Regulated	NDA	NDA	NDA

Special precautions for user • None specified.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

Section 15 - Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture SARA Hazard Classifications • None

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	State Right To Know				
Component	CAS	PA			
Glass, oxide, chemicals	65997-17-3	No			
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	No			
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- refining or hydrotreatment)	64742-65-0	No			

	Inventory						
Component	CAS	Canada DSL	Canada NDSL	TSCA			
Glass, oxide, chemicals	65997-17-3	Yes	No	Yes			
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Yes	No	Yes			
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- refining or hydrotreatment)	64742-65-0	Yes	No	Yes			

Canada

anada - WHMIS - Classifications of Substances		
 Hydrotreated heavy paraffinic petroleum distillate (highly refined) 	64742-54-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
 Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment) 	64742-65-0	Not Listed
anada - WHMIS - Ingredient Disclosure List		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
 Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment) 	64742-65-0	Not Listed

Environment Canada - CEPA - Priority Substances List

Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

United States

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J.S OSHA - Process Safety Management - Highly Hazardous Chemicals	64742-54-7	Not Listed
 Hydrotreated heavy paraffinic petroleum distillate (highly refined) Glass, oxide, chemicals 	65997-17-3	Not Listed Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-		
efining or hydrotreatment)	64742-65-0	Not Listed
.S OSHA - Specifically Regulated Chemicals		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
 Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment) 	64742-65-0	Not Listed
nvironment		
.S CAA (Clean Air Act) - 1990 Hazardous Air Pollutants		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment)	64742-65-0	Not Listed
S CERCLA/SARA - Hazardous Substances and their Reportable Quantities		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment)	64742-65-0	Not Listed
S CERCLA/SARA - Radionuclides and Their Reportable Quantities		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment)	64742-65-0	Not Listed
S CERCLA/SARA - Section 302 Extremely Hazardous Substances EPCRA RQs		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment)	64742-65-0	Not Listed
.S CERCLA/SARA - Section 302 Extremely Hazardous Substances TPQs		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment)	64742-65-0	Not Listed
.S CERCLA/SARA - Section 313 - Emission Reporting		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-fining or hydrotreatment)	64742-65-0	Not Listed
.S CERCLA/SARA - Section 313 - PBT Chemical Listing		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent- efining or hydrotreatment)	64742-65-0	Not Listed

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United States - California

Environment		
U.S California - Proposition 65 - Carcinogens List	04740 54 7	NI-41 :-41
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
• Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S California - Proposition 65 - Developmental Toxicity		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S California - Proposition 65 - Maximum Allowable Dose Levels (MADL)		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S California - Proposition 65 - No Significant Risk Levels (NSRL)		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S California - Proposition 65 - Reproductive Toxicity - Female		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S California - Proposition 65 - Reproductive Toxicity - Male		
Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed

United States - Pennsylvania

Labor	
U.S Pennsylvania - RTI	K (Right to Know) - Environmental Hazard List

Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
Glass, oxide, chemicals	65997-17-3	Not Listed
Mineral oil, petroleum distillates, solvent-dewaxed heavy paraffinic (mild or nosolvent-refining or hydrotreatment)	64742-65-0	Not Listed
U.S Pennsylvania - RTK (Right to Know) - Special Hazardous Substances		
U.S Pennsylvania - RTK (Right to Know) - Special Hazardous Substances • Hydrotreated heavy paraffinic petroleum distillate (highly refined)	64742-54-7	Not Listed
, , ,	64742-54-7 65997-17-3	Not Listed

Section 16 - Other Information

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Disclaimer/Statement of Liability

- 04/May/2016
- 08/January/2013
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Key to abbreviationsNDA = No Data Available

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