

Fiberglass Cloth Z-x Types: Z-1C1, Z-5, Z-5C, Z-5C1, Z-5C2

Revision Date: 2019-04-01

Revision Number: 6

Classification	PPE	Transport Symbols
		

1. Identification of the Substance/Preparation and of the Company/Undertaking

Product identifier

Product Name

**Fiberglass Cloth Z-x
Types: Z-1C1, Z-5, Z-5C, Z-5C1, Z-5C2**

Other means of identification

Commodity code

11009 - 5C2

Synonym

No Synonym

Product description

Woven fiberglass fabric. Silicone coated material.

Recommended use of the chemical and restrictions on use

Product use

Used for door seals and furnace curtains.

Uses advised against

Not fit for use in anything related to human consumption.

Details of the supplier

Corporate office:
Pyrotek Inc.
705 West 1st Ave
Spokane, WA 99201-3909
United States

Phone 1: (509) 926-6212
Phone 2: 1-800-PYROTEK
Fax: (509) 927-2408
Email: SDS@pyrotek.com

Emergency Telephone Number

CHEMTREC North America (800) 424-9300, CHEMTREC Outside North America +1 703 527 3887

2. Hazards Identification

Classification

This product is a manufactured article, not a substance nor a preparation. This article is classified as not hazardous.

Label Elements

Hazards not otherwise classified (HNOC)

None known

Other Information

3. Composition/information on Ingredients

Chemical name	CAS No	Weight-%	Classification
Stainless steel	12597-68-1	25 - 55 %	-
Polysiloxane Coating	---	1 - 10 %	-
Fibrous Glass	65997-17-3	60 - 70 %	Article - Not Classified

Further information

This fabric is coated with a flame-retardant silicone which has been cured and pre-fired to remove any toxic residues. This coating will not burn or drip. Extreme heat will cause the coating to ash.

Use the indicated respiratory protection if the occupational exposure limit is exceeded and/or in case of product release (dust or vapors).

The exact percentage (concentration) of composition is not shown due to component range variations, withheld or trade secret ingredients.

4. First Aid Measures

Skin Contact

If skin irritation persists, call a physician.

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.

Inhalation

No information available.

Ingestion

If symptoms persist, call a physician.

Notes to Physician

Treat symptomatically.

5. Fire-Fighting Measures

Flammable properties

Not flammable. The product itself does not burn.

Suitable Extinguishing Media

Use extinguishing measures that are appropriate to local circumstances and the surrounding fire.

Unsuitable Extinguishing Media

None known.

Specific hazards arising from the chemical

No information available.

Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

6. Accidental Release Measures

Personal precautions, protective equipment and emergency procedures

Avoid contact with the skin and the eyes. Use personal protective equipment.

Environmental Precautions

None known.

Methods and material for containment and cleaning up

Vacuum or wet sweep. Avoid dust formation.

7. Handling and Storage

Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice.

Conditions for safe storage, including any incompatibilities

Keep containers tightly closed in a dry, cool and well-ventilated place.

Materials to avoid

No materials to be especially mentioned.

8. Exposure controls/Personal Protection

Control parameters

Chemical name	ACGIH TLV	OSHA PEL	NIOSH IDLH	Mexico
Stainless steel	Not Listed	Not Listed	Not Listed	Not Listed
Polysiloxane Coating	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	TWA: 1 fiber/cm ³	Not Listed	Not Listed	Not Listed

Chemical name	Canada - Alberta	Canada - British Columbia	Canada - Ontario	Canada - Quebec
Stainless steel	Not Listed	Not Listed	Not Listed	Not Listed

Polysiloxane Coating	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	Not Listed	Not Listed	Not Listed

Chemical name	Argentina	Brazil	Chile	Venezuela
Stainless steel	Not Listed	Not Listed	Not Listed	Not Listed
Polysiloxane Coating	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	TWA: 0.05 mg/m ³ TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	Not Listed	Not Listed	Not Listed

Appropriate engineering controls

Engineering Controls Ensure adequate ventilation, especially in confined areas when mist is present.

Individual protection measures, such as personal protective equipment

Eye Protection Safety glasses with side-shields.
Hand Protection Protective gloves.
Skin Protection Long sleeved clothing.
Respiratory protection Respiratory protection is not necessary for normal handling of material which does not release dust, Dust mask EN149 - P3/FFP3 or (P2/FFP2) under dusty conditions.

General industrial hygiene practice

Handle in accordance with good industrial hygiene and safety practice.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

Physical state	Solid	Odor	Odorless
Appearance	Coated, Weave, Rope	Odor threshold	Not applicable
Color	Red, orange		

<u>Property</u>	<u>Values</u>	<u>Remarks • Methods</u>
pH	Not applicable	
Melting point / freezing point	Not applicable	
Boiling point / boiling range	Not applicable	
Flash point	Not flammable	None known
Evaporation rate		
Flammability Limit in Air		
Upper flammability limit:	Not applicable	
Lower flammability limit:	Not applicable	
Vapor pressure	Not applicable	
Vapor density		
Specific gravity	2.55	
Water solubility	No data available	
Solubility(ies)	Not applicable	
Partition coefficient		
Autoignition temperature	Not applicable	
Decomposition temperature	No data available	
Kinematic viscosity		
Dynamic viscosity		
Explosive properties	Non explosive	

Other Information

VOC Content (%) Not applicable

10. Stability and Reactivity

Reactivity

Chemical stability

Stable under recommended storage conditions.

Possibility of Hazardous Reactions

None under normal processing.

Conditions to Avoid

Avoid dust formation.

Incompatible materials

No materials to be especially mentioned.

Hazardous Decomposition Products

None known.

11. Toxicological Information

Information on likely routes of exposure

Eye Contact	Contact with eyes may cause irritation.
Skin Contact	Substance may cause slight skin irritation.
Ingestion	None known.
Inhalation	None known.

Information on toxicological effects

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Mutagenic effects	None known.
STOT - single exposure	None known.
STOT - repeated exposure	None known.
Chronic Toxicity	None known

Numerical measures of toxicity

Product Information

Component Information

Chemical name	Oral LD50	Dermal LD50	Inhalation LC50
Stainless steel	-	-	-
Polysiloxane Coating	-	-	-
Fibrous Glass	-	-	-

Carcinogenicity

The table below indicates whether each agency has listed any ingredient as a carcinogen:

Chemical name	IARC	NTP	OSHA	Mexico
Stainless steel	Not Listed	Not Listed	Not Listed	Not Listed
Polysiloxane Coating	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Group 3	Known Carcinogen Reasonably Anticipated	Not Listed	Not Listed

Chemical name	Argentina	Chile	Venezuela
Stainless steel	Not Listed	Not Listed	Not Listed
Polysiloxane Coating	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	Not Listed	A3 A4 - Not Classified as a Carcinogen in Humans

IARC (International Agency for Research on Cancer)

Group 1 - Carcinogenic to Humans

Group 2A - Probably Carcinogenic to Humans

Group 2B - Possibly Carcinogenic to Humans

NTP (National Toxicology Program)

Known - Known Carcinogen

Reasonably Anticipated - Reasonably Anticipated to be a Human Carcinogen

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present

12. Ecological Information

Ecotoxicity

Component	Algae/aquatic plants	Fish	Toxicity to microorganisms	Crustacea
Stainless steel 12597-68-1 (25 - 55 %)	No data available			No data available
Polysiloxane Coating --- (1 - 10 %)	No data available			No data available
Fibrous Glass 65997-17-3 (60 - 70 %)	No data available			No data available

Persistence and degradability

No information available.

Bioaccumulation

No information available.

Mobility in Environmental Media

No information available.

Ozone depletion potential (ODP)

Not applicable.

13. Disposal Considerations

Waste disposal methods

Dispose of in accordance with federal, state and local regulations.

Contaminated packaging

Empty containers should be taken for local recycling, recovery or waste disposal.

14. Transport Information

DOT

Not regulated

15. Regulatory Information

International Inventories

Chemical name	TSCA	EINECS	ELINCS	DSL	NDSL	PICCS	ENCS	China	AICS	KECL
Stainless steel	-	-	-	-	-	-	-	X	-	-
Polysiloxane Coating	-	-	-	-	-	-	-	-	-	-
Fibrous Glass	X	X	-	X	-	X	X	X	X	X

Legend

TSCA - United States Toxic Substances Control Act Section 8(b) Inventory

DSL/NDSL - Canadian Domestic Substances List/Non-Domestic Substances List

EINECS/ELINCS - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

ENCS - Japan Existing and New Chemical Substances

IECSC - China Inventory of Existing Chemical Substances

KECL - Korean Existing and Evaluated Chemical Substances

PICCS - Philippines Inventory of Chemicals and Chemical Substances

AICS - Australian Inventory of Chemical Substances

USA

Federal Regulations

SARA 313

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product may contain a chemical or chemicals, if listed below, which are subject to the reporting requirements of the Act and Title 40n of the Code of Federal Regulations, Part 372:

SARA 311/312 Hazardous Categorization

Clean Air Act, Section 112 Hazardous Air Pollutants (HAPs) (see 40 CFR 61)

This product contains the following HAPs:

State Regulations

California Proposition 65

This product contains the following Proposition 65 chemicals:

Chemical name	California Prop. 65	Type
Stainless steel (CAS #: 12597-68-1)	Not Listed	-
Polysiloxane Coating (CAS #: ---)	Not Listed	-
Fibrous Glass (CAS #: 65997-17-3)	Carcinogen (inhalable and biopersistent only)	-

State Right-to-Know

CANADA

Chemical name	WHMIS
Stainless steel (CAS #: 12597-68-1)	Non-controlled
Polysiloxane Coating (CAS #: ---)	Non-controlled
Fibrous Glass (CAS #: 65997-17-3)	Uncontrolled product according to WHMIS classification criteria

16. Other Information

Revision Date: 2019-04-01

Reason for Revision Routine review with applicable updates to better reflect product.

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End of SDS

United States of America
California Proposition 65