



PF-Fiberseal Packing Fiber

Revision Date 2009-12-15

Classification	NFPA	PPE Personal Protection Equipment	Transport Symbol
			

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product name	PF-Fiberseal Packing Fiber
Commodity code	12001 - PFFIBER
Product description	Mineral wool fiber.
Product use	Electrical box insulation.

Manufacturer or supplier's details

Pyrotek Inc.
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2. HAZARDS IDENTIFICATION

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

Physical state	Solid	
Appearance	Tape.	Odor Slight
Classification	-	
Symbol(s)	In accordance with Directive EC 1272/2008 and its amendments, this substance does not need to be classified nor labelled	R -phrase(s) None

See Section 11 for additional Toxicological information.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Names	CAS-No	EINECS-No.	Weight %	Classification
Phenolic Resin	9003-35-4		2 - 5%	-
PVA Resin	9002-89-5	n/a	0.5 - 1.5 %	-
Fibrous Glass	65997-17-3	266-046-0	> 95%	-

For the full text of the R phrases mentioned in this Section, see Section 16

Further information

Synthetic vitreous fibers (SVF) are fibrous inorganic substances classified into three general groups: fibrous glass (glasswool and glass filament), mineral wool (rockwool and slagwool), and refractory ceramic fibers (RCF). Devitrification (conversion of fibers to a crystalline state) may occur when SVF materials are exposed to high temperatures producing disordered crystalline silica forms.

Crystalline silica (SiO₂) exists in several forms: quartz, cristobalite and tridymite. Fused silica (non-crystalline quartz), if heated to more than 1200°C (2192°F) for an extended period, converts to crystalline silica in the form of tridymite. As heated crystalline silica slowly cools, its form can change. When cooled to approximately 870°C (1598°F), it can take on the form of crystalline quartz. Continued cooling below 573°C (487°F) can change the form to cristobalite. However, more rapid cooling from a high temperature may solidify any form of crystalline silica at normal temperatures.

Prolonged exposure to respirable crystalline silica may cause delayed (chronic) lung injury known as silicosis. Silicosis is a form of disabling pulmonary fibrosis, which can be progressive and may lead to death.

The OSHA PEL for crystalline silica as tridymite and cristobalite is one-half of the OSHA PEL for crystalline silica (quartz) - 0.1 mg/m³.

4. FIRST AID MEASURES

Eye contact	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms persist, call a physician.
Skin contact	Wash off with soap and water.
Ingestion	No information available. Consult a physician if necessary.

Inhalation Move to fresh air. If symptoms persist, call a physician.

Notes to physician Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Flammable properties The product is not flammable.

Suitable extinguishing media Carbon dioxide (CO₂). Water spray. Water. Dry chemical. Foam.

Unsuitable extinguishing media None known

Specific hazards arising from the chemical None known

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

Australian Hazchem Code None known

NFPA Health - Flammability - Instability 0

HMIS Health - Flammability - Instability 0

6. ACCIDENTAL RELEASE MEASURES

Personal precautions Avoid dust formation. Use personal protective equipment.

Environmental precautions Local authorities should be advised if significant spillages cannot be contained.

Methods for cleaning up Vacuum or wet sweep. Take up mechanically and collect in suitable container for disposal. Avoid dust formation.

7. HANDLING AND STORAGE

Handling Handle in accordance with good industrial hygiene and safety practice. Wear personal protective equipment. Avoid dust formation.

Storage Keep in a dry place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure limits

Chemical Names	ACGIH TLV	OSHA PEL	Argentina	Australia	Austria
Phenolic Resin	Not Listed				
PVA Resin	Not Listed				

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Fibrous Glass	TWA: 1 fiber/cm ³	Ceiling: 5 mg/m ³ Listed	TWA: 0.05 mg/m ³ TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	10 mg/m ³ STEL 5 mg/m ³ TWA 1 mg/m ³ TWA 0.5 mg/m ³ TWA 0.5 fibres/mL TWA 0.1 mg/m ³ TWA 0.01 mg/m ³ TWA	STEL: 0.3 mg/m ³ STEL: 0.4 mg/m ³ STEL: 0.5 mg/m ³ STEL: 1 mg/m ³ STEL: 1.5 mg/m ³ STEL: 2 mg/m ³ STEL: 4 mg/m ³ MAK: 0.1 mg/m ³ MAK: 0.25 mg/m ³ MAK: 0.5 mg/m ³ MAK: 1 mg/m ³ MAK: 5 mg/m ³
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Chemical Names	Belgium	Brazil	Bulgaria	Chile	China
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	TWA: 1 mg/m ³ TWA: 5 mg/m ³	TWA: 10.0 mg/m ³ TWA: 1.0 mg/m ³ TWA: 0.5 mg/m ³ TWA: 0.3 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.05 mg/m ³ STEL: 3.0 mg/m ³	TWA: 0.08 mg/m ³ TWA: 0.12 mg/m ³ TWA: 0.16 mg/m ³ TWA: 1 fiber/cm ³ TWA: 4 mg/m ³	STEL: 0.02 mg/m ³ STEL: 0.3 mg/m ³ STEL: 0.45 mg/m ³ STEL: 1.5 mg/m ³ STEL: 10 mg/m ³ TWA: 0.01 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.15 mg/m ³ TWA: 0.5 mg/m ³ TWA: 5 mg/m ³

Chemical Names	Croatia	Czech Republic	Denmark	Egypt	Estonia
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	STEL: 10 mg/m ³ STEL: 0.6 mg/m ³ Listed	Potential for cutaneous absorption	TWA: 0.005 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 fiber/cm ³ TWA: 5 mg/m ³	TWA: 5 mg/m ³ TWA: 0.5 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.002 mg/m ³ STEL: 10 mg/m ³	TWA: 1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.01 mg/m ³

Chemical Names	EU	Finland	France	Germany	Greece
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	Not Listed	VME: 1 fibre/cm ³	250000 F/m ³ ausgenommen Asbest	TWA: 5 mg/m ³ TWA: 1 mg/m ³ TWA: 0.5 mg/m ³ TWA: 0.25 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.15 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.025 mg/m ³ STEL: 10 mg/m ³ STEL: 0.6 mg/m ³ STEL: 0.1 mg/m ³

Chemical Names	Hungary	Iceland	India	Indonesia	Ireland
Phenolic Resin	Not Listed				
PVA Resin	Not Listed				

Chemical Names	Hungary	Iceland	India	Indonesia	Ireland
Fibrous Glass	TWA: 5 mg/m ³ TWA: 0.5 mg/m ³ TWA: 0.15 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.05 mg/m ³ STEL: 4 mg/m ³ STEL: 20 mg/m ³ STEL: 2 mg/m ³ STEL: 0.6 mg/m ³ STEL: 0.4 mg/m ³ STEL: 0.2 mg/m ³ Ceiling: 0.015 mg/m ³	TWA: 5 mg/m ³ TWA: 0.03 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 fiber/cm ³ TWA: 1.0 mg/m ³ TWA: 2.5 mg/m ³ TWA: 0.01 mg/m ³ STEL: 5 mg/m ³ Ceiling: 5 mg/m ³ Ceiling: 0.06 mg/m ³ Ceiling: 0.1 mg/m ³ Ceiling: 0.2 mg/m ³ Ceiling: 0.4 mg/m ³ Ceiling: 1 mg/m ³ Ceiling: 10 mg/m ³ Ceiling: 2 fibers/cm ³ Ceiling: 2 mg/m ³ Ceiling: 0.02 mg/m ³	5 mg/m ³ Ceiling 10 mg/m ³ STEL 5 mg/m ³ TWA 0.2 mg/m ³ TWA 0.15 mg/m ³ TWA	NAB: 0.002 mg/m ³ NAB: 0.005 mg/m ³ NAB: 0.01 mg/m ³ NAB: 0.1 mg/m ³ NAB: 0.2 mg/m ³ NAB: 0.5 mg/m ³ NAB: 10 mg/m ³ NAB: 5 mg/m ³	TWA: 5 mg/m ³ TWA: 2 fibres/ml

Chemical Names	Israel	Italy	Japan	Korea	Lithuania
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	IPRV: 3 mg/m ³
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	TWA: 0.002 mg/m ³ TWA: 0.01 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 fiber/m ³ TWA: 5 mg/m ³	Not Listed	TWA: 0.01 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.3 mg/m ³ TWA: 1 fiber/cm ³	0.03 mg/m ³ 0.05 mg/m ³ 0.1 mg/m ³ 0.2 mg/m ³ 0.5 mg/m ³ 1 mg/m ³ 10 mg/m ³ 5 mg/m ³	IPRV: 1 mg/m ³ IPRV: 0.5 mg/m ³ IPRV: 0.15 mg/m ³ IPRV: 0.1 mg/m ³ IPRV: 0.07 mg/m ³ IPRV: 0.05 mg/m ³ IPRV: 0.01 mg/m ³

Chemical Names	Luxembourg	Malaysia	Malta	Mexico	Netherlands
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	TWA: 0.15 mg/m ³ TWA: 0.5 mg/m ³	TWA: 0.002 mg/m ³ TWA: 0.01 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 fibres/mL TWA: 5 mg/m ³	TWA: 0.15 mg/m ³	STEL: 10 mg/m ³ TWA: 5 mg/m ³ TWA: 0.5 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.15 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.01 mg/m ³ TWA: 0.002 mg/m ³	TWA: 0.5 mg/m ³

Chemical Names	New Zealand	Norway	Philippines	Poland	Portugal
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	10 mg/m ³ STEL 5 mg/m ³ TWA 1 mg/m ³ TWA 0.5 mg/m ³ TWA 0.1 mg/m ³ TWA 0.01 mg/m ³ TWA 0.002 mg/m ³ TWA	5 mg/m ³	TWA: 0.15 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 5 mg/m ³	Not Listed	TWA: 0.05 mg/m ³ TWA: 1 fiber/cm ³ TWA: 5 mg/m ³

Chemical Names	Romania	Russia	Singapore	Slovak Republic	Slovenia
Phenolic Resin	Not Listed	6 mg/m ³ TWA	Not Listed	5 mg/m ³ TWA (total aerosol): 5 mg/m ³ TWA (total aerosol) 5 mg/m ³ TWA (total aerosol)	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed

Chemical Names	Romania	Russia	Singapore	Slovak Republic	Slovenia
Fibrous Glass	TWA: 5 mg/m ³ TWA: 1 fiber/cm ³ TWA: 0.10 mg/m ³ TWA: 0.05 mg/m ³ STEL: 10 mg/m ³ STEL: 0.50 mg/m ³ STEL: 0.20 mg/m ³ STEL: 0.10 mg/m ³	0.05 mg/m ³ STEL 4 mg/m ³ TWA 0.05 mg/m ³ TWA 0.01 mg/m ³ TWA	PEL: 5 mg/m ³ PEL: 10 mg/m ³ PEL: 1 mg/m ³ PEL: 0.5 mg/m ³ PEL: 0.2 mg/m ³ PEL: 0.15 mg/m ³ PEL: 0.1 mg/m ³ PEL: 0.002 mg/m ³ STEL: 10 mg/m ³	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.15 mg/m ³ TWA: 0.5 mg/m ³ TWA: 2 fibers/cm ³ TWA: 4 mg/m ³ Ceiling: 0.2 mg/m ³ Ceiling: 1.0 mg/m ³	TWA: 1 mg/m ³ TWA: 0.03 mg/m ³ TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.25 mg/m ³ TWA: 0.5 mg/m ³ TWA: 0.015 mg/m ³ TWA: 1 mg/m ³ TWA: 500000 fibers/cm ³ STEL: 4 mg/m ³ STEL: 0.06 mg/m ³ STEL: 0.12 mg/m ³ STEL: 0.2 mg/m ³ STEL: 0.4 mg/m ³ STEL: 1 mg/m ³ STEL: 2 mg/m ³

Chemical Names	South Africa	Spain	Sweden	Switzerland	Taiwan
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	0.15 mg/m ³ TWA except Tetra-ethyl lead 0.1 mg/m ³ TWA except Arsine 0.05 mg/m ³ TWA except CdO fumes and CdS 10 mg/m ³ STEL 0.6 mg/m ³ STEL 5 mg/m ³ TWA 0.5 mg/m ³ TWA 0.2 mg/m ³ TWA 0.1 mg/m ³ TWA except Hydrogen telluride	VLA-ED: 1 fiber/cc Fibers with a random orientation, with a content in alkaline and alkali-earth oxide (Na ₂ O+K ₂ O+CaO+MgO+BaO) below 18% in weight	LTV: 1 fiber/cm ³	Not Listed	TWA: 0.05 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 5 mg/m ³

Chemical Names	Thailand	Turkey	United Kingdom	Venezuela	
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	
Fibrous Glass	TWA: 0.2 mg/m ³	TWA: 0.15 mg/m ³	STEL: 6 fibres/cm ³ STEL: 0.3 mg/m ³ STEL: 0.45 mg/m ³ STEL: 1.5 mg/m ³ STEL: 10 mg/m ³ STEL: 0.075 mg/m ³ STEL: 15 mg/m ³ TWA: 5 mg/m ³ TWA: 0.1 mg/m ³ TWA: 0.15 mg/m ³ TWA: 0.5 mg/m ³ TWA: 2 fibres/cm ³ TWA: 0.025 mg/m ³	TWA: 0.002 mg/m ³ TWA: 0.05 ppm TWA: 0.1 mg/m ³ TWA: 0.2 mg/m ³ TWA: 0.5 mg/m ³ TWA: 1 fiber/cm ³ TWA: 5 mg/m ³ STEL: 10 mg/m ³	

Occupational exposure controls

Engineering controls Ensure adequate ventilation, especially in confined areas

PPE

If exposure limits are exceeded or irritation is experienced, the user must determine if any locally approved respiratory protection must be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Proper skin and eye protection should also be determined by the user. Respiratory, skin and eye protection must be provided in accordance with current local regulations. Considerations to aid the user in PPE assessments follow.

Respiratory protection	Respirator must be worn if exposed to dust. Dust mask P3/FFP3 or (P2/FFP2) under dusty conditions. During machining operations. Respiratory protection is not necessary at normal handling.
Eye protection	Safety glasses. Safety glasses with side-shields [EN166].
Skin protection	Long sleeved clothing. Protective gloves.

General industrial hygiene practice Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Remove and wash contaminated clothing before re-use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state	Solid
Appearance	Tape
Color	Tan, -, Light yellow
Odor	Slight
pH	None known
Flash point	No data available
Melting point/range	1150°C / 2100°F
Flammability Limits in Air	Upper None known Lower None known
Specific Gravity	No data available
Solubility	Insoluble.

10. STABILITY AND REACTIVITY

Stability	Stable.
Conditions to avoid	None under normal processing.
Materials to avoid	Acids.
Hazardous decomposition products	Under fire conditions. Carbon oxides.
Possibility of hazardous reactions	Hazardous polymerization does not occur.

11. TOXICOLOGICAL INFORMATION

Acute toxicity

Component Information	LD50 Oral	LD50 Dermal	LC50 Inhalation
Chemical Names			
Phenolic Resin	5 g/kg Rat	2 g/kg Rat	-
PVA Resin	20 g/kg Rat	-	-
Fibrous Glass	-	-	-

Potential health effects

Principle Routes of Exposure Eye contact. Skin contact. Inhalation.
Acute effects

Eye irritation Contact with eyes may cause irritation.
Skin irritation Substance may cause slight skin irritation.
Ingestion Not a normal route of exposure. None known.
Inhalation May cause irritation of respiratory tract.

Chronic toxicity

Chronic toxicity None known

Carcinogenicity

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

Chemical Names	ACGIH	NTP	OSHA	IARC	Argentina
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	A3 A2 A3	Known Carcinogen Reasonably Anticipated	Present	Group 3	A2 A3 - Confirmed animal carcinogen with unknown relevance to humans A4 - Not classifiable as a human carcinogen A2 - Suspected human carcinogen

Chemical Names	Australia	Austria	Belgium	Chile	Croatia
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Listed	Group A1 Carcinogen Group A2 Carcinogen	Carcinogen	A3	Not Listed

Chemical Names	Czech Republic	Denmark	Egypt	Estonia	EU
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	Carcinogen	Listed	Listed	Not Listed

Chemical Names	France	Germany	Hungary	Iceland	Ireland
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	Kategorie 1 (verursacht Krebs beim Menschen) Kategorie 2 (eingestuft als möglicherweise krebserregend für den Menschen) Kategorie 2 (bioverfügbar, einatembare Stäube/aerosol form) Kategorie 3 (bioverfügbar, einatembare Stäube/aerosol form) Massenkonzentration: 0.05 mg/m ³ Massenfluss: 0.15 g/h	carcinogenic substance	Listed	Category 1 Carcinogen (except Arsenic) Category 2 Carcinogen (except Cadmium oxide fume and Cadmium sulphide pigments)

Chemical Names	Italy	Japan	Lithuania	Luxembourg	Mexico
Phenolic Resin	Not Listed				

Chemical Names	Italy	Japan	Lithuania	Luxembourg	Mexico
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	Group 1 - Carcinogenic to Humans (except Ni metal) Group 2B Group 1 - Carcinogenic to Humans Group 2B - Possibly Carcinogenic to Humans	Listed	Not Listed	Listed

Chemical Names	Netherlands	New Zealand	Norway	Philippines	Poland
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Not Listed	A2 - suspected human carcinogen A3 - confirmed animal carcinogen with unknown relevance to humans	Carcinogen	Not Listed	Listed

Chemical Names	Portugal	Romania	Russia	Slovak Republic	Slovenia
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	A2 - Suspected Human Carcinogen A3 - Confirmed Animal Carcinogen with Unknown Relevance to Humans A4 - Not Classifiable as a Human Carcinogen	Listed	Listed	Listed	Listed

Chemical Names	South Africa	Spain	Sweden	Switzerland	Taiwan
Phenolic Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
PVA Resin	Not Listed	Not Listed	Not Listed	Not Listed	Not Listed
Fibrous Glass	Listed	Not Listed	Carcinogen	Category C2 carcinogen Category C3 carcinogen	Listed

Chemical Names	United Kingdom	Venezuela			
Phenolic Resin	Not Listed	Not Listed			
PVA Resin	Not Listed	Not Listed			
Fibrous Glass	Not Listed	A3 A4 - Not Classified as a Carcinogen in Humans			

Sensitization	None known
Mutagenic effects	None known
Reproductive effects	None known
Target Organ effects	Eyes. Skin. Respiratory system. Lungs.

12. ECOLOGICAL INFORMATION

12. ECOLOGICAL INFORMATION**Ecotoxicity**

Ecotoxicity effects Information follows.

Fibrous Glass**Water Flea Data**

48 Hr EC50 *Daphnia magna*: 0.9 µg/L; 96 Hr LC50 *Daphnia magna*: 5 µg/L; 96 Hr LC50 *Hyalella azteca*: 1.4-2.3 µg/L ()

Persistence and degradability None known

Bioaccumulation None known

Mobility in Environmental Media None known

13. DISPOSAL CONSIDERATIONS

Waste disposal methods Dispose of in accordance with local regulations

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

14. TRANSPORT INFORMATION

Not regulated for transport.

15. REGULATORY INFORMATION**Labelling****Symbol(s)**

In accordance with Directive EC 1272/2008 and its amendments, this substance does not need to be classified nor labelled

R -phrase(s)**S -phrase(s)**

International Inventories

Chemical Names	EINECS	ELINCS	TSCA	DSL	NDSL	PICCS	ENCS	CHINA	AICS	KECL
Phenolic Resin	-	-	X	X	-	X	X	X	X	X
PVA Resin	-	-	X	X	-	X	X	X	X	X
Fibrous Glass	X	-	X	X	-	X	-	X	X	X

Germany**WGK Classification**

Chemical Names	Germany Water Classifications
Phenolic Resin	ID Number 2013, hazard class 1 - low hazard to waters
PVA Resin	ID Nummer 2886, Gefahrenklasse 1 - schwach wassergefährdend
Fibrous Glass	This substance is not classified as dangerous according to German legislation

Switzerland**Switzerland Poison Classification**

None known

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

Chemical Names SARA 313 - Threshold Values

Acute Health Hazard	Chronic Health Hazard	Fire Hazard	Release of Pressure	Reactive Hazard
-	-	-	-	-

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 Names	Category	Type
Phenolic Resin (CAS #: 9003-35-4)	-	-
PVA Resin (CAS #: 9002-89-5)	-	-
Fibrous Glass (CAS #: 65997-17-3)	Carcinogen Developmental	-

State Right-to-Know

Chemical Names	Massachusetts	New Jersey	Pennsylvania	Illinois	Rhode Island
Phenolic Resin	-	-	-	-	-
PVA Resin	-	-	-	-	-
Fibrous Glass	X	X	X	X	X

Canada

WHMIS hazard class

D2B Toxic materials

Australia

Australian Hazchem Code None known
Poison Schedule Number None known

16. OTHER INFORMATIONText of R phrases mentioned in Section 3

None

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Reason for Revision This data sheet contains changes from the previous version in section(s). 2, 8, 10.

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