



# SAFETY DATA SHEET

Revision Date 12-Aug-2015

Version 1

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

### Product identifier

Product Name Pyrex® Fiber Glass  
Product Code 3950

### Other means of identification

Chemical Name glass, oxide, chemicals  
Pure substance/mixture Substance

### Recommended use of the chemical and restrictions on use

Recommended Use Miscellaneous.

### Details of the supplier of the safety data sheet

Company Name Corning Incorporated - Life Sciences  
271 County Route 64  
Big Flats, NY 14814, USA  
+1.978.442.2200

Contact Point ScientificSupport@corning.com  
Emergency Telephone Chemtrec: +1-800-424-9300 (USA), +1-703-527-3887 (International; Call collect), (REF: CCN 56 88)

## 2. HAZARDS IDENTIFICATION

### Classification

This chemical is not considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.122)

### Label elements

Signal word None  
Hazard statements Not Hazardous

### Hazards not otherwise classified (HNOC)

May cause skin, eye, and respiratory tract irritation

## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Substance

Common name Glass wool, glass fiber

Chemical Name	CAS No	Weight-%
glass, oxide, chemicals	65997-17-3	95-100

## 4. FIRST AID MEASURES

### First aid measures

Inhalation Remove to fresh air. Clean mouth with water and drink afterwards plenty of water.  
Skin Contact Wash off immediately with soap and plenty of water. If skin irritation persists, call a physician.

<b>Eye contact</b>	Dust contact with the eyes can lead to mechanical irritation. Do not rub affected area. Rinse thoroughly with plenty of water, also under the eyelids. If eye irritation persists: Get medical advice/attention.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. (Call a physician if irritation persists).

**Most important symptoms and effects, both acute and delayed**

**Symptoms** See Section 11: TOXICOLOGICAL INFORMATION.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

<b>5. FIRE-FIGHTING MEASURES</b>
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**Suitable extinguishing media**

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

**Unsuitable extinguishing media** No information available.

**Specific hazards arising from the chemical**

None known based on information supplied.

**Hazardous combustion products**

None known based on information supplied.

**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.

<b>6. ACCIDENTAL RELEASE MEASURES</b>
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**Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment as required. Avoid creating dust. Do not breathe dust.

**Environmental precautions**

See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Avoid creating dust.

**Methods for cleaning up** Avoid creating dust. Take up mechanically, placing in appropriate containers for disposal.

<b>7. HANDLING AND STORAGE</b>
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**Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice. Avoid generation of dust. Avoid contact with skin and eyes. Do not breathe dust.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep tightly closed in a dry and cool place.

**Incompatible materials** Strong oxidizing agents. Hydrogen fluoride.

<b>8. EXPOSURE CONTROLS/PERSONAL PROTECTION</b>
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**Control parameters****Exposure Guidelines**

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
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glass, oxide, chemicals	TWA: 1 fiber/cm <sup>3</sup> respirable fibers: length >5 µm, aspect ratio >=3:1, as determined by the membrane filter method at 400-450X magnification [4-mm objective], using phase-contrast illumination TWA: 5 mg/m <sup>3</sup> inhalable fraction	-	-
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**Appropriate engineering controls**

**Engineering Controls** Handle in accordance with good industrial hygiene and safety practice. Wash hands thoroughly after handling.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).  
**Hand Protection** Wear protective gloves. For operations where prolonged or repeated skin contact may occur, impervious gloves should be worn.  
**Skin and body protection** Suitable protective clothing.  
**Respiratory protection** None under normal use conditions. If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.  
**Recommended Filter type:** N99 (US); P2 (EU EN 143).

**General Hygiene Considerations** Do not eat, drink or smoke when using this product.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Information on basic physical and chemical properties**

<b>Physical state</b>	Glass wool fiber	<b>Odor</b>	Odorless
<b>Appearance</b>	fibers	<b>Odor threshold</b>	Not Applicable
<b>Color</b>	white / colorless		
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	No information available		
Melting point/freezing point	No information available		
Boiling point / boiling range	No information available		
Flash point	No information available		
Evaporation rate	No information available		
Flammability (solid, gas)	No information available		
Flammability Limit in Air			
Upper flammability limit:	No information available		
Lower flammability limit	No information available		
Vapor pressure	No information available		
Vapor density	No information available		
Specific Gravity	No information available		
Water solubility	Insoluble in water		
Solubility in other solvents	No information available		
Partition coefficient	No information available		
Autoignition temperature	No information available		
Decomposition temperature	No information available		
Kinematic viscosity	No information available		
Dynamic viscosity	No information available		
Oxidizing properties	No information available		
Explosive properties	No information available		
Softening point	660 °C		

**10. STABILITY AND REACTIVITY**

**Reactivity**

No data available

**Chemical stability**

Stable under normal conditions.

**Possibility of Hazardous Reactions**

None under normal processing.

**Conditions to avoid**

None known.

**Incompatible materials**

Strong oxidizing agents, Hydrogen fluoride.

**Hazardous Decomposition Products**

None under normal use conditions

**Hazardous combustion products**

None known based on information supplied

<b>11. TOXICOLOGICAL INFORMATION</b>
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**Acute toxicity****Product Information**

No acute toxicity information is available for this product

**Component Information**

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
glass, oxide, chemicals	-	-	-

**Information on toxicological effects****Symptoms**

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated

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

<b>Skin corrosion/irritation</b>	May cause irritation.
<b>Serious eye damage/eye irritation</b>	May cause eye irritation.
<b>Sensitization</b>	No information available.
<b>Germ cell mutagenicity</b>	No information available.
<b>Carcinogenicity</b>	

Chemical Name	ACGIH	IARC	NTP	OSHA
glass, oxide, chemicals	-	Group 3	-	-

*IARC (International Agency for Research on Cancer) Group 3 Not classifiable as a human carcinogen*

<b>Reproductive toxicity</b>	No information available.
<b>Developmental Toxicity</b>	No information available.
<b>STOT - single exposure</b>	No information available.
<b>STOT - repeated exposure</b>	No information available.
<b>Aspiration hazard</b>	No information available.

**Potential health effects**

<b>Inhalation</b>	May cause irritation of respiratory tract.
<b>Ingestion</b>	Ingestion may cause irritation to mucous membranes.
<b>Skin</b>	May cause irritation.
<b>Eyes</b>	Dust contact with the eyes can lead to mechanical irritation.

<b>12. ECOLOGICAL INFORMATION</b>
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**Ecotoxicity**

There is no known ecological information for this product

**Persistence and degradability**

No information available.

**Bioaccumulation**

No information available.

**Mobility in soil**

No information available.

**Other adverse effects**

No information available.

<b>13. DISPOSAL CONSIDERATIONS</b>
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**Waste treatment methods****Disposal of wastes**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

**Contaminated packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations.

<b>14. TRANSPORT INFORMATION</b>
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**DOT**

Not regulated

**IATA**

Not regulated

**IMDG**

Not regulated

<b>15. REGULATORY INFORMATION</b>
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**International Inventories**

Chemical Name	TSCA	DSL	NDSL	EINECS	ELINCS	ENCS	IECSC	KECL	PICCS	AICS
glass, oxide, chemicals	X	X	-	X	-	X	X	X	X	X

**Legend** X = Listed, - = Not Listed

**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

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372.

**SARA 311/312 Hazard Categories**

<b>Acute health hazard</b>	No
<b>Chronic Health Hazard</b>	No
<b>Fire hazard</b>	No
<b>Sudden release of pressure hazard</b>	No
<b>Reactive Hazard</b>	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42).

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**U.S. EPA Label Information**

**EPA Pesticide Registration Number** Not Applicable

**US State Regulations**

**California Proposition 65**

Chemical Name	California Proposition 65
glass, oxide, chemicals (CAS #: 65997-17-3)	Carcinogen

**U.S. State Right-to-Know Regulations**

Chemical Name	New Jersey	Massachusetts	Pennsylvania
glass, oxide, chemicals (CAS #: 65997-17-3)	X	-	X

**16. OTHER INFORMATION**

**Version 1**

**Revision Date** 12-Aug-2015  
**Revision Note** Not Applicable

**Disclaimer**

To the best of our knowledge, the information contained herein is accurate. However, neither Corning Incorporated nor any of its subsidiaries assumes any liabilities whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

**End of Safety Data Sheet**