

# OHIO VALLEY Specialty Company

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## SAFETY DATA SHEET

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Version 1.1

### SECTION 1. IDENTIFICATION

#### Product Identifier

<b>Catalog Number</b>	3350 (Reorder Product by this No.)
<b>Product Name</b>	Untreated Glass Wool, 50 grams
<b>Generic Name</b>	Angel hair, Continuous Filament Fiberglass Strands
<b>Trade Name</b>	Pyrex
<b>Chemical Name</b>	Borosilicate Glass Wool
<b>CAS Number</b>	65997-17-3

#### Other Means of Identification

**SDS #** 3350 GHS

#### Recommended Use of the Substance or mixture and Restrictions on Use

**Recommended Use** Laboratory chemicals, Synthesis of substances

#### Details Of the Supplier of the Safety Data Sheet

<b>Supplier Address</b>	Ohio Valley Specialty Company 115 Industry Road Marietta, Ohio 45750 USA
<b>Supplier Telephone</b>	(740) 373-2276
<b>Supplier Fax</b>	(740) 373-9910

#### Emergency Telephone Number

<b>Company Phone Number</b>	<b>OVSC 740-373-2276</b>
<b>Emergency Telephone</b>	<b>Infotrac 1-352-323-3500 (International)</b> <b>Infotrac 1-800-535-5053 (USA)</b>

### SECTION 2. HAZARDS IDENTIFICATION

#### Classification

##### **Classification of the substance or mixture**

##### **GHS Classification in accordance with 29 CFR 1910 (OSHA HCS)**

Carcinogenicity, Inhalation (Category 1B), H350i

For the full text of the H-Statements mentioned in this Section, see Section 16.

## GHS Label elements, including precautionary statements

Pictogram



Signal word

Danger

Hazard statement(s)

H350i May cause cancer by inhalation.

Precautionary statement(s)

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P281 Use personal protective equipment as required.

P308 + P313 IF exposed or concerned: Get medical advice/ attention.

P405 Store locked up.

P501 Dispose of contents/ container to an approved waste disposal plant.

**Hazards not otherwise classified (HNOC) or not covered by GHS - none**

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

#### Substances

Formula : O<sub>2</sub>Si  
Molecular weight : 60.08 g/mol  
CAS-No. : 65997-17-3  
EC-No. : 266-046-0

#### Hazardous components

Component	Classification	Concentration
Glass, oxide, chemicals	Carc. 1B; H350i	<= 100 %

For the full text of the H-Statements mentioned in this Section, see Section 16.

### SECTION 4. FIRST AID MEASURES

#### Description of first aid measures

##### General advice

Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

##### If inhaled

If breathed in, move person into fresh air. If not breathing, give artificial respiration. Consult a physician.

##### In case of skin contact

Wash off with soap and plenty of water. Consult a physician.

##### In case of eye contact

Flush eyes with water as a precaution.

**If swallowed**

Never give anything by mouth to an unconscious person. Rinse mouth with water. Consult a physician.

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

The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

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

No data available

**SECTION 5. FIRE FIGHTING MEASURES****Extinguishing media****Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**

No data available

**Advice for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**

No data available

**SECTION 6. ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

Use personal protective equipment. Avoid dust formation. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust.

For personal protection see section 8.

**Environmental precautions**

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

**Methods and materials for containment and cleaning up**

Pick up and arrange disposal without creating dust. Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections**

For disposal see section 13.

**SECTION 7. HANDLING AND STORAGE****Precautions for safe handling**

Avoid formation of dust and aerosols. Further processing of solid materials may result in the formation of combustible dusts. The potential for combustible dust formation should be taken into consideration before additional processing occurs.

Provide appropriate exhaust ventilation at places where dust is formed.

For precautions see section 2.

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

Keep container tightly closed in a dry and well-ventilated place.

**Specific end use(s)**

Apart from the uses mentioned in section 1 no other specific uses are stipulated

**SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION**

**Control parameters**

**Components with workplace control parameters**

Component	CAS-No.	Value	Control Parameters	Basis
Glass, oxide, chemicals	65997-17-3	TWA	1.000000fibre/cm3	USA. ACGIH Threshold Limit Values (TLV)
		Remarks	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. Confirmed animal carcinogen with unknown relevance to humans	
		TWA	1.000000fibre/cm3	USA. ACGIH Threshold Limit Values (TLV)
		Remarks	Upper Respiratory Tract irritation 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. Not classifiable as a human carcinogen	
		TWA	1.000000fibre/cm3	USA. ACGIH Threshold Limit Values (TLV)
		Remarks	Upper Respiratory Tract irritation 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. Not classifiable as a human carcinogen	
Glass, oxide, chemicals	65997-17-3	TWA	5.000000 mg/m3	USA. ACGIH Threshold Limit Values (TLV)
		Remarks	Upper Respiratory Tract irritation Not classifiable as a human carcinogen	
		TWA	1.000000fibre/cm3	USA. ACGIH Threshold Limit Values (TLV)
Glass, oxide, chemicals	65997-17-3	TWA	1.000000fibre/cm3	USA. ACGIH Threshold Limit Values (TLV)
Glass, oxide, chemicals	65997-17-3	PEL	1fibre/cm3	California permissible exposure limits for chemical contaminants (Title 8, Article 107)

## Exposure controls

### Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

### Personal protective equipment

#### Eye/face protection

Safety glasses with side-shields conforming to EN166 Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

#### Skin protection

Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

#### Body Protection

Impervious clothing, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

#### Respiratory protection

Where risk assessment shows air-purifying respirators are appropriate use a full-face particle respirator type N100 (US) or type P3 (EN 143) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

#### Control of environmental exposure

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on Basic Physical and Chemical Properties

a) Appearance	Form: fibres Colour: white, colorless
b) Odour	odourless
c) Odour Threshold	No data available
d) pH	No data available
e) Melting point/freezing point	>1600°F/No data available
f) Initial boiling point and boiling range	No data available
g) Flash point	Not applicable
h) Evaporation rate	No data available
i) Flammability (solid, gas)	No data available
j) Upper/lower flammability or explosive limits	No data available
k) Vapour pressure	No data available
l) Vapour density	No data available
m) Relative density	1.100 g/cm <sup>3</sup>
n) Water solubility	No data available
o) Partition coefficient: noctanol/water	No data available
p) Auto-ignition temperature	No data available
q) Decomposition temperature	No data available
r) Viscosity	No data available
s) Explosive properties	No data available
t) Oxidizing properties	No data available

**Other safety information**

No data available

**SECTION 10. STABILITY AND REACTIVITY****Reactivity**

No data available

**Chemical stability**

Stable under recommended storage conditions.

**Possibility of hazardous reactions**

No data available

**Conditions to avoid**

No data available

**Incompatible materials**

Hydrogen fluoride

**Hazardous decomposition products**

Hazardous decomposition products formed under fire conditions. - silicon oxides

Other decomposition products - No data available

In the event of fire: see section 5

**SECTION 11. TOXICOLOGICAL INFORMATION****Information on toxicological effects****Acute toxicity**

No data available

Inhalation: No data available

Dermal: No data available

No data available

**Skin corrosion/irritation**

No data available

**Serious eye damage/eye irritation**

No data available

**Respiratory or skin sensitisation**

No data available

**Germ cell mutagenicity**

No data available

Mammal

Lungs

Result: negative

**Carcinogenicity**

Carcinogenicity - Hamster - Intratracheal

Tumorigenic: Equivocal tumorigenic agent by RTECS criteria. Lungs, Thorax, or Respiration: Tumors.

Carcinogenicity - Rat - male - Inhalation

Lungs, Thorax, or Respiration: Fibrosis, focal (pneumoconiosis).

No data available

**Reproductive toxicity**

No data available

**Specific target organ toxicity - single exposure**

No data available

**Specific target organ toxicity - repeated exposure**

No data available

**Aspiration hazard**

No data available

**Additional Information**

RTECS: LK3651000

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

**SECTION 12. ECOLOGICAL INFORMATION****Toxicity**

No data available

**Persistence and degradability**

No data available

**Bioaccumulative potential**

No data available

**Mobility in soil**

No data available

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available

**SECTION 13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

**Product**

Offer surplus and non-recyclable solutions to a licensed disposal company. Contact a licensed professional waste disposal service to dispose of this material. Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with an afterburner and scrubber.

**Contaminated packaging**

Dispose of as unused product.

**SECTION 14. TRANSPORT INFORMATION****DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

**SECTION 15. REGULATORY INFORMATION****International Inventories****Legend:**

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

**DSL/NDL** - *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*

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**SARA 311/312 Hazards**

Chronic Health Hazard

**Massachusetts Right To Know Components**

No components are subject to the Massachusetts Right to Know Act.

**Pennsylvania Right To Know Components**

Glass, oxide, chemicals

CAS-No.  
65997-17-3

Revision Date  
2007-03-01

**New Jersey Right To Know Components**

Glass, oxide, chemicals

CAS-No.  
65997-17-3

Revision Date  
2007-03-01

**SECTION 16. OTHER INFORMATION**

**Full text of H-Statements referred to under sections 2 and 3.**

Carc. Carcinogenicity  
H350i May cause cancer by inhalation.

**HMIS Rating**

Health hazard: 0  
Chronic Health Hazard: \*  
Flammability: 0  
Physical Hazard: 0

**NFPA Rating**

Health hazard: 0  
Fire Hazard: 0  
Reactivity Hazard: 0

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Revision Note: New format

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**Disclaimer:**

This data is offered in good faith as typical values and not as a product specification. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

Each recipient should study this Safety Data Sheet and become aware of any product hazards. The data contained herein should be adequate for the handling of laboratory quantities as supplied by OVSC.

End of Safety Data Sheet

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