

### Section 1. Product and Company Identification

**Product Name:** FBB 320  
**Supplier:** CSNRI | 621 Lockhaven Drive. Houston, TX 77073 | +1 281.590.8491  
**Emergency Phone Number:** 800.424.9300 (CHEMTREC)  
 +1 703.741.5970 (Outside the US)  
**Product Description:** Continuous filament fiber  
**Product Use:** Intended to repair pipes  
**Chemical Name or Synonym:** N/A

### Section 2. Hazard Identification

#### Classification of the substance or mixture

Skin corrosion/irritation – Category 2  
 Serious eye damage/eye irritation – Category 2B  
 STOT (SE) – Category 3

#### Label Elements:



**Signal Word:** Warning

#### Hazard Statements:

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H335 May cause respiratory irritation.

#### Precautionary Statement:

P280 Wear protective gloves  
 P264 Wash face, hands and any exposed skin thoroughly after handling  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P261 Avoid breathing dust

**Emergency overview:** Fiberglass may cause mechanical irritation to the skin, eye, and upper respiratory tract.

### Section 3. Composition/ Information on Ingredients

#### Substance:

Chemical Name	CAS-No	Weight %
Glass, oxide, chemicals	65997-17-3	90 – 100

### Section 4. First Aid Measures

#### Description of first-aid measures:



**Eye Contact:** Immediately flush eyes with running water for at least 15 minutes. Get medical attention if irritation persists.

**Skin Contact:** Gently wash with plenty of soap and water. If irritation persists, get medical attention. If fiber becomes embedded, get medical attention.

**Ingestion:** Ingestion of this material is unlikely. If it does occur, get medical attention.

**Inhalation:** No specific treatment is necessary as this material is not likely to be inhaled.

**Most important symptoms/effects, acute and delayed:**

**Eye contact:** Dusts from this product may cause temporary mechanical irritation.

**Inhalation:** Dusts from this product may cause temporary mechanical irritation of the nose, throat and respiratory tract.

**Skin contact:** Dusts from this product may cause temporary mechanical irritation.

**Ingestion:** Although ingestion of this product is not likely to occur, accidental ingestion may cause illness or irritation of the mouth and gastrointestinal tract.

**Indication of immediate medical attention and special treatment needed:** Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

#### Section 5. Fire Fighting Measures

**Suitable extinguishing media:** Not applicable. Product will not support combustion.

**Unsuitable extinguishing media:** No information available.

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

**Unusual fire and explosion hazard:** No specific fire or explosion hazard. Product will not support combustion.

**Hazardous decomposition materials (under fire conditions):** None known.

**Special protective actions for fire-fighters:** The fiber itself will not support combustion, but in a sustained fire, proper protection against products or combustion from the fuel and sizing/binder must be worn.

#### Section 6. Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures:** No special protection is required. Fiber is generally considered to be an inert solid waste. No special precautions are needed in case of a release or spill.

**For non-emergency personnel:** No further information available.

**For emergency responders:** No further information available.

**Environmental precautions:** No special protection is required. Fiber is generally considered to be an inert solid waste.

**Methods and material for containment and cleaning up:** Vacuum or sweep up material and place in a designated, labeled waste container. If sweeping, use a dust suppressant.

#### Section 7. Handling and Storage

**Precautions for safe handling:** Avoid contact with eyes, skin and clothing; wear suitable protective clothing and personal protective equipment. Do not eat, drink or smoke while handling. Wash thoroughly after handling. Increased mechanical stress on the fiber may generate dust and airborne fibers, which may cause discomfort. At skin contact, skin irritations are possible. Availability of a local suction is advised.

**Conditions for safe storage including any incompatibilities:** Store in a cool, dry place with adequate ventilation. Store products in original packing, which should be intact. Protect against humidity.



### Section 8. Exposure Controls / Personal Protection

**Control parameters:** No additional information available.

**Appropriate engineering controls:** Ventilation must be adequate for most operations.

**Individual protection measures:**

**Eye / face protection:** Wear safety glasses, goggles, or face shields.

**Skin protection:** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.

**Respiratory protection:** If dust is generated and ventilation is inadequate, use respirator that will protect against dust/mist.

**Other information:** Good personal hygiene and the use of barrier creams, caps, protective gloves, cotton coveralls or long-sleeved loose-fitting clothing will maximize comfort. Appropriate techniques should be used to remove potentially contaminated clothing. Work clothing should be laundered separately from other clothing before reuse. Ensure that eyewash stations and safety showers are close to the workstation location.

### Section 9. Physical and Chemical Properties

<b>Physical state:</b>	Solid
<b>Color:</b>	Dark brown
<b>Odor:</b>	Odorless
<b>Odor Threshold:</b>	No data available
<b>Melting Point Range:</b>	No applicable
<b>Boiling point:</b>	No data available
<b>Flammability (solid, gas):</b>	No data available
<b>Flammability Limits in Air:</b>	No data available
<b>Flash Point:</b>	No applicable (Product does not sustain combustion)
<b>Auto-ignition Temperature:</b>	No data available
<b>Decomposition Temperature:</b>	No data available
<b>pH:</b>	No applicable
<b>Viscosity:</b>	No applicable
<b>Water Solubility:</b>	Insoluble
<b>Solubility in other solvents:</b>	No data available
<b>Partition coefficient (n-octanol/water):</b>	No data available
<b>Vapor Pressure:</b>	No data available
<b>Relative Density:</b>	2.67
<b>Vapor density (Air=1)</b>	No data available
<b>% Solid (w/w):</b>	100
<b>Volatility:</b>	0% (v/v), 0% (w/w)
<b>Evaporation rate (ether=1):</b>	No data available

### Section 10. Stability and Reactivity

**Reactivity:** Stable.

**Chemical Stability:** Stable under standard normal conditions.

**Possibility of hazardous reactions:** None known.

**Conditions to avoid:** Humidity.

**Incompatible materials:** None known.

**Hazardous decomposition products:** None known.



### Section 11. Toxicological Information

**Acute toxicity:** No known significant effects or critical hazards.

**Skin corrosion/irritation:** No known significant effects or critical hazards.

**Serious eye damage/irritation:** No known significant effects or critical hazards.

**Respiratory or skin sensitization:** No known significant effects or critical hazards.

**Germ cell mutagenicity:** No known significant effects or critical hazards.

**Carcinogenicity:** No known significant effects or critical hazards.

**Reproductive toxicity:** No known significant effects or critical hazards.

**Developmental toxicity:** No known significant effects or critical hazards.

**STOT - single exposure:** No data available.

**STOT - repeated exposure:** No data available.

**Aspiration hazard:** No data available.

**Information on the likely route of exposure:** No data available.

**Symptoms related to the physical, chemical and toxicological characteristics:** No data available.

**Delayed and immediate effects and also chronic effects from short and long-term exposure:**

**Short term exposure:** Not likely to occur, continuous filaments can be mechanically irritant: irritation of the skin, eyes and respiratory tract.

**Long term exposure:** There is no known health effect connected with long term use or contact with this product.

**Numerical measures of toxicity:** No specific data.

### Section 12. Ecological Information

**Toxicity effects:** No data available.

**Persistence and degradability:** No data available.

**Bioaccumulative potential:** No data available.

**Mobility in soil:** No data available.

**Other adverse effects:** No other adverse effects are identified.

### Section 13. Disposal Considerations

**Waste treatment methods:** The generation of waste should be avoided or minimized wherever possible. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements.

### Section 14. Transport Information

#### DOT / IMDG / IATA

**UN number:** Not regulated

**UN proper shipping name:** N/A

**Transport hazard class:** N/A

**Packing group:** N/A

**Environmental hazard:** No

Non-hazardous transport goods according to abovementioned instructions. Weather protection recommended.

**Section 15. Regulatory Information****Safety, health and environmental regulations/legislation specific for the substance or mixture:**

No information available.

**Section 16. Other Information****Abbreviations and acronyms used:**

CAS:	Chemical Abstracts Service
DOT:	US Department of Transportation
IATA:	International Air Transport Association
IMDG:	International Maritime Dangerous Goods
N/A:	Not Applicable
ND:	Not Determined
NIOSH:	National Institute for Occupational Safety and Health
OSHA:	Occupational Safety and Health Administration

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