

# CONSERV EPOXY LLC

## SAFETY DATA SHEET

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product Identity:** ConServ Flexible Epoxy Patch 200D, S200D, W200D

**Other Means of Identification:** Component D – Thickener

**Recommended use of the chemical and restrictions on use:**

**Product Use:** Powdered thickening component for 200, S200, W200 epoxy patch system and structural epoxy 600.

**Uses Advised Against:** None known

**Manufacturer:** ConServ Epoxy LLC  
P.O. Box 454  
Northford, CT 06472  
Information Telephone: (203) 484-4123  
Fax: (203) 484-2398  
Website: [www.conservepoxy.com](http://www.conservepoxy.com)

**Emergency Phone:** INFOTRAC: 1-800-535-5053

**SDS Date of Preparation:** 5/6/15

### 2. HAZARDS IDENTIFICATION

**GHS Classification:**

Physical:	Health:
Not Classified	Not Classified

**GHS Label Elements:**

None Required

**Statements of Hazard**

None Required

**Precautionary Phrases**

None Required

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Component	CAS No.	Amount
Amorphous Silica	112945-52-5	100%

### 4. FIRST AID MEASURES

**Eye:** Flush eyes with large quantities of water, while holding the eyelids apart. Remove contact lenses if easy to do so. Continue rinsing. Get medical attention if irritation occurs and persists.

**Skin:** Remove contaminated clothing and shoes. Flush skin with plenty of water. Get medical attention if irritation occurs. Launder clothing before re-use.

**Inhalation:** Remove victim to fresh air. If breathing is difficult or irritation persists, get medical attention.

**Ingestion:** Do not induce vomiting unless directed to do so by a medical professional. Get medical attention if you feel unwell.

**Most Important Symptoms:** Direct contact with powder may cause mechanical eye and respiratory tract irritation.

**Indication of immediate medical attention/special treatment:** Immediate medical attention should not be required.

## 5. FIRE-FIGHTING MEASURES

**Suitable (and Unsuitable) Extinguishing Media:** Use measures appropriate to local circumstances and surrounding environment.

**Specific Hazards Arising from the Chemical:** This material is an inorganic dust and will not create nor support conditions that would result in a dust explosion or fire. Product resists ignition and does not promote flame spread.

**Special Protective Equipment and Precautions for Fire-Fighters:** Firefighters should wear positive pressure self-contained breathing apparatus and full protective clothing.

## 6. ACCIDENTAL RELEASE MEASURES

**Personal Precautions, Protective Equipment, and Emergency Procedures:** Avoid contact with skin, eyes or clothing. Wear suitable protective clothing to prevent prolonged skin and eye contact. Avoid breathing dust. Ventilate the area. Powders that become wet may cause surfaces to be extremely slippery and present a slip hazard.

**Methods and Materials for Containment and Cleaning Up:** Scoop or shovel up using methods that minimize the generation of airborne dust. Avoid dispersal of dust in the air (i.e., clearing dust surfaces with compressed air). Place dry material into an appropriate container for disposal. Flush spill area with water to remove residue. Notify authorities of releases as required.

## 7. HANDLING AND STORAGE

**Precautions for Safe Handling:** Avoid contact with eyes, skin and clothing. Wear protective clothing and equipment. Avoid breathing dust. Use with adequate ventilation. Wash thoroughly with soap and water after handling. Minimize the generation and accumulation of dust. Follow good housekeeping practices to keep surfaces, including areas overhead such as piping, drop ceilings, ductwork, etc. free from settled dust. Keep containers closed when not in use. Wash clothing before re-use.

Do not reuse containers. Empty containers retain product residues which can be hazardous. Follow all SDS precautions when handling empty containers.

**Conditions for Safe Storage, Including Any Incompatibilities:** Store in a cool, dry, well-ventilated area away from incompatible materials. Do not store together with volatile chemicals as they may be adsorbed. Keep at ambient temperatures. Keep container tightly closed when not in use.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Guidelines:

Amorphous Silica	20 mppcf TWA OSHA PEL
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**Engineering Controls:** Use adequate general or local exhaust ventilation to maintain exposures below the occupational exposure limits.

**Respiratory Protection:** None should be needed for normal use. If the exposure limits are exceeded, an approved respirator with dust/mist cartridges or supplied air respirator appropriate for the form and concentration of the contaminants should be used. Selection and use of respiratory equipment must be in accordance with applicable regulations and good industrial hygiene practice.

**Skin Protection:** For prolonged use or in dusty conditions, wear gloves. Contact your glove supplier for assistance in selecting an appropriate glove.

**Eye Protection:** Wear chemical safety glasses or tight fitted goggles if needed to avoid eye contact.

**Other:** Impervious coveralls, apron and boots is required to prevent prolonged skin contact and contamination of personal clothing.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b> White powder	<b>Flammable Limits: LEL:</b> Not available <b>UEL:</b> Not available
<b>Odor:</b> Odorless	<b>Vapor Pressure:</b> Not applicable
<b>Odor Threshold:</b> Not applicable	<b>Vapor Density:</b> Not applicable
<b>pH:</b> 3.6-4.5	<b>Relative Density:</b> 2.2 g/cm <sup>3</sup> @ 68°F (20°C)
<b>Melting/Freezing Point:</b> 3092°F (1700°C)	<b>Solubility (ies):</b> Poorly soluble in water
<b>Initial Boiling Point/Range:</b> 4046°F (2230°C)	<b>Partition Coefficient Octanol/Water:</b> Not applicable
<b>Flashpoint:</b> Not applicable	<b>Auto-ignition Temperature:</b> Not available
<b>Evaporation Rate:</b> Not applicable	<b>Decomposition Temperature:</b> Not available
<b>Flammability (solid, gas):</b> Dust is not combustible	<b>Viscosity:</b> Not applicable

## 10. STABILITY AND REACTIVITY

**Reactivity:** Not reactive

**Chemical Stability:** Stable under normal storage and handling conditions.

**Possibility of Hazardous Reactions:** Hazardous polymerization will not occur.

**Conditions to Avoid:** Avoid dust formation.

**Incompatible Materials:** None known.

**Hazardous Decomposition Products:** None known.

## 11. TOXICOLOGICAL INFORMATION

### HEALTH HAZARDS:

**Eye:** Dust may cause irritation with redness and tearing.

**Skin:** Dust may cause mechanical irritation with itching.

**Inhalation:** Inhalation of dust may cause irritation of the nose, throat and upper respiratory tract.

**Ingestion:** Swallowing large amounts may irritate stomach and cause nausea, vomiting, and diarrhea.

**Chronic:** No data available.

**Sensitization:** This product is not expected to cause sensitization.

**Carcinogenicity:** None of the components of this product are listed as a carcinogen or suspected carcinogen by IARC, NTP, and OSHA.

**Germ Cell Mutagenicity:** Not expected to cause germ cell mutagenicity.

**Reproductive Toxicity:** Not expected to cause reproductive harm.

**Numerical Measures of Toxicity:**

Product: Oral rat LD50- >5000 mg/kg, Skin rabbit LD50- >2000 mg/kg

**12. ECOLOGICAL INFORMATION**

**Ecotoxicity:**

Product: 96h LC50 Zebra Fish: >10,000 mg/L

This product is not expected to cause harm to the environment.

**Persistence and Degradability:** Biodegradation is not applicable to inorganic substances.

**Bioaccumulative Potential:** Not expected due to physicochemical properties of the substance.

**Mobility in Soil:** No data available

**Other Adverse Effects:** No data available

**13. DISPOSAL CONSIDERATIONS**

Dispose in accordance with local and national environmental regulations.

**14. TRANSPORT INFORMATION**

**DOT Hazardous Materials Description:**

**Proper Shipping Name:** Not Regulated

**UN Number:** None

**Hazard Class/Packing Group:** None

**Labels Required:** None

**IMDG/IATA/ICAO Hazardous Materials Description:**

**Proper Shipping Name:** Not Regulated

**UN Number:** None

**Hazard Class/Packing Group:** None

**Labels Required:** None

**15. REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:**

**CERCLA 103 Reportable Quantity:** This product is not subject to CERCLA reporting requirements. Many states have more stringent release reporting requirements. Report spills required under federal, state and local regulations.

**SARA TITLE III:**

**Hazard Category for Section 311/312:** Not Hazardous

**Section 313 Toxic Chemicals:** This product contains the following chemicals subject to SARA Title III Section 313 Reporting requirements: None

**Section 302 Extremely Hazardous Substances (TPQ):** None

**EPA Toxic Substances Control Act (TSCA) Status:** All of the components of this product are listed on the TSCA inventory.

**STATE REGULATIONS:**

**California Proposition 65:** This product does not contain a substance known in the State of California to cause cancer and/or reproductive harm.

**INTERNATIONAL REGULATIONS:**

**CANADIAN REGULATIONS**

**Canadian Environmental Protection Act:** All components of this product are on the Domestic Substance List (DSL) or are exempt from DSL requirements.

**16. OTHER INFORMATION**

**NFPA Rating:** Health = 0      Flammability = 0      Instability = 0  
**HMIS Rating:** Health = 1      Flammability = 0      Physical Hazard = 0

**Revision Summary:**  
5/6/15: New SDS

**NOTICE**

The above information is believed to be correct but does not propose to be all inclusive and shall be used only as a guide. ConServ Epoxy LLC. shall not be held liable for any damage resulting from handling or from contact with the above product. This information relates only to the product designated herein and does not relate to its use in combination with any other material or process.