



Safety Data Sheet-PVA Fiber

1 – PRODUCT IDENTIFICATION

Product Name: PVA FIBER
Product Number:
Product Use: concrete reinforcement

DATE PREPARED: 11-29-2016

COMPANY: Buddy Rhodes Concrete Products
5600 Lower Macungie Road, Macungie, PA 18062
1-877-706-5303 **International call:** 610-252-5800 (collect calls accepted)

EMERGENCY PHONE: Domestic: 1-800-255-3924 International: 813-248-0585 (Chem-Tel)

2 – HAZARDS IDENTIFICATION

Classification of the substance or mixture:

Not a hazardous substance or mixture according to United States Occupational Safety and Health Administration (OSHA) 2012 Hazard Communication Standard (29 CFR 1910.1200), the Canadian Workplace Hazardous Materials Information System (WHMIS) and Council Directive 1999/45/EC and its subsequent amendments.

GHS Label elements, including precautionary statements

Hazard Pictogram(s): none

Signal word: none

General Precautions:

- P101 If medical advice is needed, have product container or label at hand.
- P102 Keep out of reach of children.
- P103 Read label before use.

Hazards not otherwise classified (HNOC) or not covered by GHS – none known

3 – COMPOSITION / INFORMATION ON INGREDIENTS

Chemical names	CAS No	Concentration
Polyvinyl Alcohol	9002-89-5	>95%

Substance/Mixture: Substance

Synonym: PVA Fiber

4 – FIRST-AID MEASURES

Description of first aid measures

In case of inhalation: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing. If you feel unwell, seek medical attention.

In case of skin contact: Blow or wash off. Get medical advice if irritation develops.



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In case of eye: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation occurs, get medical advice.

In case of ingestion: Material will pass through the body normally. Not expected to require first aid measures.

Most important symptoms/effects both acute and delayed: Not expected to present a significant hazard under anticipated conditions of normal use.

Indication of any immediate medical attention and special treatment needed: Treat symptomatically and supportively

5 – FIRE-FIGHTING MEASURES

Extinguishing Media: Water fog or spray, Foam, Dry Powder, Carbon Dioxide (CO₂).

Flash point: Not applicable

Auto ignition temperature: Not applicable

Specific protective equipment and procedures for firefighters: Wear self contained breathing apparatus and protective clothing

Specific chemical hazards: None

6 – ACCIDENTAL RELEASE MEASURES

Environmental precautions: Remove all sources of ignition. Ventilate area of release or spill. Wear appropriate protective equipment as NIOSH approved personal respirators. Clean up spills in a manner that does not disperse dust into the air. Use non-sparking tools and equipment. Reduce airborne dust and prevent scattering by moistening with water. Place in container.

Methods for cleanup: Dispose in accordance to local, state or federal regulations.

7 – HANDLING and STORAGE

Storage: Store in closed original container in a dry place. Room temperature-normal conditions. Use care in handling/storage. Keep in properly labeled containers

Handling: Keep container closed when not in use; protect containers from abuse; protect from extreme temperatures. Keep this and other chemicals out of reach of children..Wear appropriate personal protective equipment as specified in Section 8.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

OSHA PEL for Particulates Not Otherwise Regulated (PNOR) of 15 mg/m³ - total dust, 5 mg/m³ - respirable fraction is recommended. In addition, the ACGIH recommends 3 mg/m³ - respirable particles and 10 mg/m³ - inhalable particles for Particles (insoluble or poorly soluble) Not Otherwise Specified (PNOS). The following respirator is recommended if airborne concentrations exceed the appropriate standard/guideline. NIOSH approved, air-purifying particulate respirator with N-95 filters.

Appropriate engineering controls: If needed use local exhaust ventilation to keep dust concentration below limits cited in this Section.

Personal Protective Equipment

Respiratory Protection: Dust mask required in dusty environments or exceeding total dust limits

Eye/Face protection: Wear appropriate chemical safety glasses/goggles.

Hand/Skin Protection: Wear appropriate protective gloves and clothing.

General Hygiene Considerations: Do not eat, drink or smoke when using this product. Wash hands thoroughly after handling.



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9 – PHYSICAL / CHEMICAL PROPERTIES

Appearance: White solid
Physical State: solid
Color: white
Odor: Mild odor
pH: Not applicable
Melting Point: NA
Boiling Point: 200°C
Flash point: Not applicable
Flammability (solid,gas): Not flammable
Explosive Properties: NA
Vapor Pressure: Not applicable
Vapor Density (AIR=1): Not applicable
Density: 1.19-1.31 (specific gravity, H₂O=1)
Solubility in water: moderately soluble in water
Partition Coefficient (n-octanol/water): NOT APPLICABLE
Auto-ignition temperature: Not applicable
Viscosity: Not applicable

10 – STABILITY and REACTIVITY

Reactivity: No hazardous reaction known under normal conditions of use
Chemical Stability: Stable under normal conditions
Hazardous Reactions: Stable under normal conditions
Conditions to avoid: Avoid Exposure to open flame or temperatures exceeding recommended temperatures. Avoid strong oxidizers
Incompatible materials: Oxidizers or Oxidizing Materials.
Hazardous Decomposition.: Complete combustion will emit carbon dioxide and water when heated to decomposition. Incomplete decomposition gives in addition carbon monoxide and oxidation products, including organic acids, aldehydes and alcohol.

11 – TOXICOLOGICAL INFORMATION

Acute Toxicity: None
Acute Oral Toxicity: NA
Acute Inhalation Toxicity: Based on available data the classification criteria are not met
Chronic Toxicity: Based on available data, the classification criteria are not met
Irritation: Non-irritant
Sensitization: Non-sensitizing
Mutagenicity: Non-mutagenic
Carcinogenicity: None known
Reproductive toxicity: No known significant effects or critical hazards on reproduction.
Aspiration hazard: Not applicable



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12 – ECOLOGICAL INFORMATION

Ecotoxicity: Not expected to be harmful to aquatic organisms

Persistence and degradability: Not applicable

Bioaccumulative potential: Not applicable

Mobility in soil: Not applicable

Results of PBT and vPvB assessment: The substance does not meet the criteria to be identified as PBT or vPvB

13 –DISPOSAL CONSIDERATIONS

Disposal considerations: Dispose in a safe manner in accordance with local / state / Federal regulations. Avoid release to the environment.

It is responsibility of the waste generator to determine the toxicity and physical properties of the material generated to determine the proper waste identification and disposal method in compliance with applicable regulations.

14 – TRANSPORTATION INFORMATION

DOT: Not regulated, not dangerous good.

Transport by sea (IMO / IMDG): Not regulated. Not dangerous good

Air transport (ICAO/ IATA): Not regulated. Not dangerous good

15 - REGULATIONS

Contents of this SDS comply with the OSHA Hazard Communication Standard 29CFR 1910.1200

EPA SRA Title III Chemical Listings:

US Federal Regulations

TSCA Status: all components are listed or exempted

SECTION 302: None

SECTION 312

Acute: None

Chronic: None

Fire: None

Pressure: none

Reactive: None

SARA 313: none

Clean Water Act: not applicable

FDA: NA

US State Regulations

Massachusetts Right To Know Components

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

Pennsylvania Right To Know Components



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Ethenol, homopolymer

CAS-No.

9002-89-5

Revision Date

New Jersey Right To Know Components

Ethenol, homopolymer

CAS-No.

9002-89-5

Revision Date

California Prop. 65 Components

This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

International regulations

CAS# 9002-89-5 is listed on Canada's DSL List

16 – OTHER INFORMATION

Additional Information: This Safety Data Sheet complies with OSHA Hazard Communication Standard 29 CFR 1910.1200 (HCS-2012) and its adaptation of United Nations 'Globally Harmonized System of Classification and Labeling of Chemicals (GHS). This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

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