



Safety Data Sheet-BR AC50 ACRYLIC FIBER

1 – PRODUCT IDENTIFICATION

Product Name: BR AC50 ACRYLIC FIBER 6MM-1#

Product Number: ACRF0001

Product Use: concrete reinforcement, crack reducing additive

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
High Performance Acrylic	Not Applicable	100%

Substance/Mixture: Substance

Synonym: Acrylic Fiber



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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.

In case of eye: Flush with water to remove particles.

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: Fibers can be regarded as physiologically inert since, so far, no poisoning or other injurious effects have been observed in cases where this material has been used internally (surgical sutures, replacement of blood vessels, etc.). On external contact, no signs of dermatitis or other skin injury have been observed.

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: Sweep or vacuum up and place in a waste disposal container to an approved landfill or reuse.

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

7 – HANDLING and STORAGE

Storage: Do not store near flame or incompatible materials. Maintain good housekeeping to control dust accumulations

Handling: No special handling has been shown to be necessary.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

Occupational exposure limits

Dust should be considered a nuisance dust:

ACGIH TLV 10mg/m³ total dust

OSHA PEL: 15 mg/m³ total dust; 5-mg/m³ respirable dust

Appropriate engineering controls: Local exhaust for fiber dust only.

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 PROPERITES

Appearance: White solid

Physical State: solid

Color: white

Odor: odorless

pH: Not applicable

Melting Point: Decomposes at 330°C

Boiling Point: Decomposes

Flash point: Not applicable

Flammability (solid,gas): Not flammable

Explosive Properties: NA

Vapor Pressure: Not applicable

Vapor Density (AIR=1): Not applicable

Density: 1.17g/cm³

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: Tends to decompose in strong acids & bases

Hazardous Decomposition: At temperatures above 340°C/644°F the product may release C, CO, CO₂, NO₂, NO₃, HCN

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

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.



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International regulations

IATA: Not regulated.

IMDG: Not regulated

Canada WHMIS: Not a controlled product

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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