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:

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

<table>
<thead>
<tr>
<th>Chemical names</th>
<th>CAS No</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>High Performance Acrylic</td>
<td>Not Applicable</td>
<td>100%</td>
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Substance/Mixture: Substance
Synonym: Acrylic 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.
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 handing.
9 – PHYSICAL / CHEMICAL PROPERITIES

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
Flammibility (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
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.
International regulations
IATA: Not regulated.
IMDG: Not regulated
Canada WHMIS: Not a controlled product

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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