

DF-50
DarCole Fiber-50
Safety Data Sheet



DarCole Products, Inc.

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"Concrete Additives for Cement Attitudes"

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND COMPANY INFORMATION

Product Identification

- Trade Name: **DF-50**
- Common Use: Crack Reducing Concrete Additive
- Restriction on Use: Intended for industrial and professional users
- CAS#: Acrylic Fibers

Company Information

- DarCole Products, Inc.
1940 Hwy 41 South
Sebree, KY 42455
270-826-6499

Emergency Number-

- DPI 1-800-327-6565

2. HAZARDS IDENTIFICATION

Classification of substance or mixture:

Eye Irritation	Category 2B	May cause mild eye irritation
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Label Elements: This material requires a hazard warning label in accordance with GHS criteria.



Pictogram:

Signal Word: **WARNING**

Hazard Statement(s):

H319: Causes mild eye irritation

Precautionary statement(s):

P264: Wash hands, arms, and face thoroughly after handling.

P280: Wear protective gloves and eye/face protection.

Precautionary statements (response):

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing.

P337+P313: If eye irritation persists: Get medical advice/attention

Hazards not otherwise classified: Not applicable

3. COMPOSITION/INFORMATION ON HAZARDOUS INGREDIENTS

Per 2012 OSHA Hazard Communication Standard 29 CFR1910.1200

Components:		
Chemical Name:	CAS#:	Content
High Performance Acrylic	63231-45-8	

4. FIRST AID MEASURES

Inhalation: Move person away from exposure if effects occur. Seek medical attention if coughing or other symptoms arise.

Eyes: Flush eyes with water until particles are removed.

Skin: Rinse with soap and water.

Ingestion: Not harmful; no treatment required.

5. FIREFIGHTING MEASURES

Suitable extinguishing media: Water, CO2, Dry Chemicals, Foam-Fog

Special protective equipment required for firefighting: Wear self-contained breathing apparatus (meeting NIOSH standards)

Additional information for firefighters: Avoid excessive inhalation of smoke or possible thermal decomposition.

6. ACCIDENTAL RELEASE MEASURES

Environmental precautions: None known.

Personal precautions, protective equipment and emergency procedures:

- Wear appropriate PPE as needed

Material containment and clean up: Vacuum up spilled material or use absorbent media. Remove spilled material to storage for proper disposal. Dispose of in accordance with local, state and federal regulations. Rinse residual stain with water.

7. HANDLING AND STORAGE

Information about protections against explosions and fires: Do not store near incompatible materials or flame.

Precautions for safe handling: No special handling required if material is used correctly.

Shelf Life: None as long as product is kept away from excessive moisture.

8. EXPOSURE CONTROLS/PERSONAL PROTECTIONS

Additional information about exposure controls: Dust should be considered a nuisance dust: ACGIH TLV 10mg/m3 total dust.

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

Components with limit values that require monitoring at the workplace: None

PPE (personal protective equipment) and hygienic measures:

- A NIOSH approved respirator may be necessary for operators who are exposed to inhalation.
- Approved safety glasses or goggles to protect eyes are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

General Information:

- Physical state: Cream Fibers
- Color: Off White
- Odor: None
- Odor Threshold: Not applicable

Physical Properties:

- pH value (@70°F): Not available
- Specific gravity (@70°F): 1.17 g/cm³
- Bulk density: Not available
- Boiling point: Does not boil
- Freezing point/Melting point: 330°C
- Decomposition temperature: Not available
- Vapor pressure: Not available
- Vapor density: Not available
- Evaporation rate: Not available
- VOC (w/w): 0%
- Solubility in / Miscibility with water: Not soluble
- Partition Coefficient (n-octanol/water): Not available
- Auto ignition: Material is not self-igniting
- Flash point: Material is non-flammable
- Lower/Upper Flammability Limits: Not applicable
- Viscosity: Not available
- Danger of Explosion: Material does not present an explosion hazard

10. STABILITY AND REACTIVITY

Material stability: Material is stable and not sensitive to mechanical impact.

Hazardous decomposition products: At temperatures above 340°C/ 644°F, C, CO, CO₂, NO₂, NO₃, HCN

Incompatible materials to avoid: Strong acids and bases are prone to decomposing material

Possibility of hazardous reactions: None known

11. TOXICOLOGICAL INFORMATION

This fiber material is not toxic.

12. ECOLOGICAL INFORMATION

Based on available data, potential for environmental toxicity is low; however, discharge to the environment should be avoided.

Ecotoxicity: product is unlikely harmful to aquatic life

Persistence and degradability: product expected to degrade in one month or less

Bioaccumulative potential: there is no evidence to suggest bioaccumulation will occur

Mobility in soil: accidental spillage may lead to penetration in the soil and groundwater, however; there is no evidence that this would cause adverse ecological effects

13. DISPOSAL CONSIDERATIONS

In its manufactured form this material is not considered a hazardous waste. Dispose of in accordance with local, state and federal regulations.

14. TRANSPORT INFORMATION

US DOT proper shipping name is Pan White Fiber.

15. REGULATORY INFORMATION

- Sara 302 (extremely hazardous materials): Not applicable
- Sara 311/312: Not applicale
- Sara 313: Not applicable
- TSCA: All components are listed or exempt
- California Prop. 65: This product does not contain any chemicals known to the state of California to cause cancer, birth, or any other reproductive defects.

16. OTHER INFORMATION

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