



R-E-D Industrial Products
4 Village Park Drive Suite 110
Grove City, Pa 16127

Material Safety Data Sheet (AC-50/AC-60)

Product Identification

Product Name: AC-50
Chemical Product Name: Pan White Fiber
Synonyms: None
Recommended Use: Crack Reducing Additive

Chemical Identification

Material Or Component

High Performance Acrylic

Hazards Identification

Skin Contact: Contact with fibers may cause mechanical irritation of skin.
Inhalation: Some individuals, e.g. with asthma or bronchitis, are likely to be intolerant of high concentrations of airborne fibers or fiber dust when processing.
Skin Absorption: None Known
Eye Contact: Fibers or fiber dust may cause irritation or scratch the surface of eyes.
Ingestion: None Known

First Aid Measures

Eyes: Flush with water to remove particles.
Skin: Wash off with soap and water.
Inhalation: Remove to fresh air if effects occur and should seek medical attention if coughing or other symptoms occur
Ingestion: No treatment required (no harm).
Notes to Physician: 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.

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Fire Fighting Measures

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Decomposition Temperature:	330°C (626°F) AC 50 does not melt
Flammable Limits in Air, % by Volume:	Not determined
Extinguishing Media:	Water, CO ₂ , Dry Chemicals, Foam-Fog
Special Fire Fighting Procedures:	Avoid excessive inhalation of smoke or potential thermal decomposition products. Wear self contained breathing apparatus meeting NIOSH standards.
Unusual Fire & Explosion Hazard:	None

Accidental Release Measures

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Aquatic Toxicity:	None Known
Steps To Be Taken If Material Is Released Because of Spill:	Sweep or vacuum up and place in a waste disposal container to an approved landfill or reuse.
Neutralizing Chemicals:	Not applicable

Handling and Storage

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Precautionary Statements:	No special handling has been shown to be necessary.
Requirements:	Do not store near flame or incompatible materials. Maintain good housekeeping to control dust accumulations.

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Exposure Controls/Personal Protection

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Ventilation Requirements: Local exhaust for fiber dust only .

Specific Personal Protection:

Protective Equipment:

- Respiratory -** For operators where inhalation exposure can occur, a NIOSH approved respirator recommended by an industrial hygienist may be necessary.
- Eye -** For operations where eye or face contact may occur, eye protection such as goggles or a face shield is recommended.
- Skin-** Not Required.
- Additional Equipment-** Not required.

Guidlines: *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

Physical & Chemical Property

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Chemical Formula:	<i>(CH₃-CH₂CN)</i>	Solubility in water:	<i>Not soluble</i>
Molecular Weight:	<i>Not Determined</i>	pH:	<i>Not Applicable</i>
Specific Gravity:	<i>1.17 g/cm³</i>	Odor:	<i>Not Applicable</i>
Physical State:	<i>Cream Fibers</i>	Vapor Pressure:	<i>Not Applicable</i>
Melting Point:	<i>330-°C</i>	VOC (percent):	<i>None</i>
Boiling Point:	<i>Does not boil</i>	Evaporation Rate:	<i>Not Applicable</i>

Stability & Reactivity

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Incompatibilities: Tends to decompose in strong acids & bases

Conditions Contributing to

Instability: Contact with flame; temperatures above 300°C

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

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Conditions Contributing to Hazardous

Polymerization: Hazardous polymerization will not occur.





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Material Safety Data Sheet (AC-50/AC-60) Toxicological Information

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The fiber product is not toxic.

Ecological Information

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Aquatic Toxicity: *No data available.*

Disposal Considerations

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RCRA: Is the unused product a RCRA waste if discarded? No
Waste Disposal Method: Dispose of in accordance with applicable governmental non-hazardous solid waste regulations
Steps to be taken if material is Released or spilled: Sweep up and place in a waste disposal container.
Neutralizing Chemicals: Not applicable.

Transport Information:

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US DOT Proper Shipping Name: *Pan White Fiber*
US DOT Hazard Class: *Not applicable*
USDOT ID Number: *Not applicable*

Regulatory Information:

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IATA: *Not regulated*
IMDG: *Not regulated*
Canada WHMIS: *Not a controlled product*
Japan MITI:
Federal
SARA: No Ingredients listed
State
California

International

TSCA: This product, or all its ingredients, is certified for inclusion on the TSCA Inventory of Chemical Substances

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Proposition 65: This product does not contain chemicals known to the state of California to cause cancer or birth defects



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Other Information

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Disclaimer: *To the best of our knowledge, the information contained herein is accurate. However, we cannot assume any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of the suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.*

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