

Safety Data Sheet:

R-E-D AC50 Acrylic Fibers

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Section 1 – Identification of Product and Company

Product Name	R-E-D AC50 Acrylic Fibers R-E-D AC 60 Acrylic Fibers
Chemical Product Name	Pan White Fiber
Synonyms	None
Recommended Use	Crack Reducing Additive

Section 2 – Chemical Identification

Material or Component	High Performance Acrylic
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Section 3 – 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 the eyes.
Ingestion	None Known.

Section 4 – First Aid Measures

Inhalation	Remove to fresh air if effects occur. Seek medical attention if coughing or other symptoms occur.
Skin Contact	Wash off with soap and water.
Eye Contact	Flush with water to remove particles.
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 or dermatitis or other skin injury have been observed.

Section 5 – Firefighting Measures

Decomposition Temperature	330° C (626° F), 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

Section 6 – Accidental Release Measures

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.

Section 7 – Handling and Storage

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.

Section 8 – Exposure Controls / Personal Protection

Ventilation Requirements	Local exhaust for fiber dust only.
<u>Protective Equipment:</u>	
Respiratory	For operators where inhalation exposure can occur, a NIOSH approved respirator recommended by an industrial hygienist may be necessary.
Eye	For operators 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.
<u>Guidelines:</u>	
Dust should be considered a nuisance dust	ACGIH TLV 10mg/m ³ total dust.
OSHA PEL	15mg/m ³ total dust; 5mg/m ³ respirable dust.

Section 9 – Physical & Chemical Property

Chemical Formula	(CH ₃ -CH ₂ CN)	Solubility in Water	Not Soluable
Molecular Weight	Not Determined	pH	Not Applicable
Specific Gravity	1.17 g/cm ³	Odor	Not Applicable
Physical State	Cream Fibers	Vapor Pressure	Not Applicable
Melting Point	330° C	VOC (%)	None
Boiling Point	Does Not Boil	Evaporation Rate	Not Applicable

Section 10 – Stability & Reactivity

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, CO ₂ , NO ₂ , NO ₃ , HCN.
Conditions Contribution to Hazardous Polymerization	Hazardous polymerization will not occur.

Section 11 – Toxicological Information

The Fiber Product Is Not Toxic.

Section 12 – Ecological Information

Aquatic Toxicity No Data Available.

Section 13 – Disposal Considerations

RCRA Is the unused product a RCRA waste if discarded? No.

Waste Disposal Method Dispose of in accordance with applicable government 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.

Section 14 – Transportation Information

US DOT Proper Shipping Name Pan White Fiber.

US DOT Hazard Class Not Applicable.

US DOT ID Number Not Applicable.

Section 15 – Regulatory Information

IATA	Not Regulated.	<u>State:</u>	
IMDG	Not Regulated.	California	Proposition 65: This product does not contain chemicals known to the state of California to cause cancer or birth defects.
Canada WHMIS	Not a Controlled Product.		
Japan MITI		<u>International:</u>	
<u>Federal:</u>		TSCA	This product, or all its ingredients, is certified for inclusion on the TSCA Inventory of Chemical Substances.
SARA	No Ingredients Listed.		

Section 16 – Other Information

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.