

## Section I: Chemical Product and Company Information

Product Name: SafeTcrete™ Synthetic Macro-Fiber

Contents: A bi-component fiber blend of proprietary core material and a proprietary coating

Manufacturer: SafeTcrete™ Maximum Performance Fiber (A wholly owned subsidiary of Pascale Industries.)

4301 Pratt Rimmel Road

Little Rock, Arkansas 72206

870-730-9900

Emergency telephone number: 1-800-222-1222

24-hour emergency contact: Poison Control Center

## Section II: Composition Information on Ingredients

Chemical Family:	Strands - Polyamide	Coating - Proprietary
Chemical Name:	Polyamide	
Reportable Components:	CAS# 25038-54-4	CAS# Trade Secret

## Section III: Hazards Identification

**Strands:** This material is considered to be hazardous according to regulatory guidelines.

**Classification:** Combustible Dust

**Hazard Statements:** May for combustible dust concentration in air if ground or in pellet form

**Coating:** This product is not hazardous under the criteria of U.S. Occupational Safety and Health Standard 29 CFR 1910 Subpart Z, and United Nations GHS Parts 2, 3 and 4.

### Emergency Overview:

**Color:** Natural, Opaque  
**Physical State:** Filaments  
**Odor:** Odorless

### Potential Physical /Chemical Effects:

Spilled filaments present a potential slipping hazard on hard surfaces. Material can accumulate static charges which might cause an ignition.

#### Potential Health Effects:

Low order of toxicity. No adverse effects due to inhalation are expected. When heated, the vapors / fumes given off might cause respiratory tract irritation.

NFPA Hazard ID:	Health - 1	Flammability - 1	Reactivity - 0
HMIS Hazard ID:	Health - 1	Flammability - 1	Reactivity - 0

## Section IV: First Aid Measures

**Inhalation:** No specific treatment is necessary because this material is not likely to be hazardous by inhalation. If exposed to excessive levels of dust or fumes, move to fresh air. If coughing and irritation develop, call a physician.  
**Skin Contact:** For hot product, immediately immerse in or flush the affected area with large amounts of cold water. Cover with clean cotton sheeting gauze and get prompt medical attention.  
**Ingestion:** Not likely to be ingested in present form  
**Eye Contact:** Not likely to be an eye hazard in present form

## Section V: Firefighting Measures

**Extinguishing Media:** Water, foam and dry chemicals.  
**Special Firefighting Procedures:** Use water spray to cool fire-exposed surfaces. Self-contained breathing apparatus when fighting fire in areas with restricted ventilation.  
**Fire or Explosion Hazards:** Smoke and noxious gases (carbon monoxide, hydrocarbons, ammonia, hydrogen cyanide) evolved upon burning. Dust explosion hazard.

## Section VI: Accidental Release Measures

**Clean-up Procedures:** Stop source of spill. Sweep up for immediate collection and disposal. If material enters a sewer or waterway, notify responsible authorities of presence of non-toxic plastic filaments. Avoid breathing dust.

## Section VII: Handling and Storage

**Handling Precautions:** Use with adequate ventilation. Minimize dust generation. Store at ambient temperature. Keep container closed to avoid moisture absorption.

## Section VIII: Exposure Controls / Personal Protection

**Respiratory Protection:** If dust, smoke, or fumes are generated, wear NIOSH / MSHA approved respirator.  
**Ventilation:** Not needed in open areas  
**Protective gloves:** Not needed under normal usage  
**Eye Protection:** Wear safety glasses with side shields or goggles to protect eyes against dust and particulate matter.  
**Work Practices:** Wash thoroughly after handling and before eating, drinking or using tobacco products.

## Section IX: Physical and Chemical Properties

Physical State:	Solid
Form:	Filaments
Color:	Natural to Opaque
Odor:	None to mild
Odor Threshold:	N / D
Flash Point:	No test data available
Flammable Limits in Air:	Lower - no test data available; Upper - no test data available
Autoignition:	>400 degrees Celsius
Vapor Pressure:	Not applicable, no test data available
Boiling Point:	Not applicable, no test data available
Vapor Density (air+1):	Not applicable, no test data available
Specific Gravity (H2O+1):	Insoluble
Freezing Point:	Not applicable, no test data available
Melting Point:	Approximately 220 degrees Celsius
Hygroscopic:	No

## Section X: Stability and Reactivity

Stability:	Product is stable under normal conditions.
Conditions to Avoid:	Avoid elevated temperatures for prolonged periods of time.
Materials to Avoid:	None
Hazardous Decomposition Products:	Will not decompose during normal storage and use
Hazardous Polymerization:	Will not occur

## Section XI: Toxicological Information

Inhalation:	Minimally toxic. Based on chemical structure (polymers)
Ingestion:	Minimally toxic. Based on chemical structure (polymers)
Skin:	Minimally toxic. Based on chemical structure (polymers)
Eye:	May cause mild, short-lasting discomfort to eyes. Based on chemical structure (polymers)
Chronic Toxicity:	Not applicable
Carcinogenic Effect:	Not expected to cause cancer. Based on chemical structure (polymers)
Mutagenic Effect:	Not considered to be a mutagenic
Reproductive toxicity:	Not considered to be a reproductive hazard

## Section XII: Ecological Information

Environmental Data:	Not expected to be a hazard to environment in present form
Eco-toxicological Data:	Might be harmful to wildlife if ingested
Ecological Comments:	Keep out of waterways

## Section XIII: Disposal Considerations

<b>Product Disposal:</b>	Sweep up spilled material and place in suitable container for recycle or disposal. Dispose of recovered materials according to current regulations.
<b>General Comments:</b>	It is recommended that all waste be analyzed for compliance to applicable laws and regulations governing.

## Section XIV: Transportation Information

<b>DOT:</b>	Not regulated for transport
<b>TDG (Canada):</b>	Not regulated for transport
<b>IMDG / IMO:</b>	Not regulated for transport
<b>ARD / RID:</b>	Not regulated for transport
<b>ICAO:</b>	Not regulated for transport

## Section XV: Regulatory Information

**OSHA Hazard Communication Standard:** This product is a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

**SARA (313):** This product does not contain toxic chemical subject to the reporting requirements.

**International Regulations:** Canada - All components of this product are listed or exempted from DSL;  
Europe - Not known to contain substances of very high concern (SVHC) RoHS Compliant

**California Proposition 65:** This product complies with California Proposition 65

**WHMIS Ingredient Disclosure List (IDL):** No components are listed in the WHMIS Ingredient Disclosure List

**WHMIS Classification:** Workplace Hazardous Materials Information Systems (WHMIS): This product has been classified in accordance with Canadian Controlled Product Regulations (CPR) hazard criteria and this SDS contains complete CPR-required information. Not controlled under WHMIS (Canada).

## Section XVI: Other Information

N / D = not determined, N / A = not applicable

**NOTE:** The information and recommendations contained herein, to the best of SafeTcrete™ Maximum Performance Fiber's knowledge and belief, are accurate and reliable as of the date issued. You may contact Pascale Industries to ensure that this document is the most current available from SMPF. The information and recommendations are offered for the user's consideration and examination. It is the user's responsibility to satisfy itself that the product is suitable for the intended use. If buyer repackages this product, it is the user's responsibility to ensure proper health, safety and other necessary information is included with and / or on the container. Appropriate warnings and safe-handling procedures should be provided to handlers and users. Alteration of this document is strictly prohibited. Except to the extent required by law, republication or retransmission of this document, in whole or in part, is not permitted.