



**MATERIAL SAFETY DATA SHEET**

Product Identity:

**REINFORCEMENT FIBERS**

**SECTION I. Identification**

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Manufacturer

Dental Ventures of America Inc.  
1787 Pomona Rd., Suite C  
Corona, CA. 92880

Emergency Telephone Number:

Infotrack: (800) 535 - 5053  
Product Information Number:  
(951) 270 - 0606

**SECTION II. Composition/Information on Ingredients**

Chemical Name and/or Synonym: Polyethylene, homopolymer

**SECTION III. Hazardous Ingredients/Identity Information**

CAS-No: 09002884  
Hazard Designation: Void  
Particular Hazards for Humans: None

**SECTION IV. First Aid Measures**

There are no health hazards for which first aid is required. Material is "non-hazardous" as per OSHA Standard.

**SECTION V. Fire-Fighting Measures**

Fire Extinguishing Agents: All standard agents.  
Fire Extinguishing Agents to Avoid: None  
Special Fire Fighting Precautions: Treat as structural fire. Wear self-contained breathing apparatus.

**SECTION VI. Accidental Release Measures**

Sweep-up, pick-up or vacuum up and place in a container for storage or disposal.

**SECTION VII. Handling and Storage**

Normal Handling: No special requirements. Fibers are difficult to cut with knives or scissors.  
Do not attempt to break fibers with bare hands.  
Storage: No special storage requirements.

**SECTION VIII. Exposure Controls/Personal Protection**

Respiratory Protection: Not normally required. A dust mask should be used if dusty conditions are generated.  
Eyes and Face: Safety glasses are recommended during processing.  
Hands, Arms and Body: Protect against contact with moving yarn. Fibers are high tenacity, high modulus yarns. The fiber is difficult to cut even with scissors.  
Inhalation: Not considered toxic; not an irritant.  
Ingestion: Material estimated to be of low toxicity. Ingestion is not a probable route of entry.  
Skin: May cause mechanical irritation during processing.

Product: **REINFORCEMENT FIBERS****SECTION IX.****Physical and Chemical Properties**

Material is (at normal conditions):	Solid	Vapor Density:	Not Applicable.
Appearance:	Yarn, Natural	Solubility in Water:	Not Applicable.
Odor:	None	pH:	Not Applicable.
Boiling Point:	Not determined.	Vapor Pressure:	Not Applicable
Melting Point:	147 C	Evaporation Rate:	Not Applicable
Specific Gravity:	0.97	Volatiles by Volume:	Not Applicable

**SECTION X.****Stability and Reactivity**

Stable	
Conditions to Avoid:	None
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition:	Thermal decomposition expected to yield CO1, CO2 and various oxidized and non-oxidized hydrocarbons.
Hazardous Polymerization:	Will not occur.

**SECTION XI.****Toxicological Information**

This product is not considered biodegradable or toxic.

**SECTION XII.****Ecological Information**

This product is not considered biodegradable or toxic.

**SECTION XIII.****Disposal Considerations**

Dispose of as a non-hazardous waste according to local, state, provincial and federal regulations.

**SECTION XIV.****Transport Information**

No special considerations required.

**SECTION XV.****Regulatory Information**

This product is not regulated under current standards.

**SECTION XVI.****Other**

The data herein relates to the product named and is based upon information that Dental Ventures of America, Inc. believes to be reliable and accurate. No warranty expressed or implied is intended. Users of this product have the responsibility to determine the suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. This information is offered solely for your consideration and interpretation.