

### SECTION I - PRODUCT IDENTIFICATION

Trade Name: **9950 TFNP**  
Product Class:  
Supplier: **Airtech International, Inc.**  
5700 Skylab Road  
Huntington Beach, CA 92647  
Telephone: 714-899-8100  
Fax: 714-899-8179

Emergency Telephone: **800-424-9300**

### SECTION II - COMPOSITION/INFORMATION ON INGREDIENTS

<u>Ingredient Name</u>	<u>Weight %</u>
<b>Polytetrafluoroethylene resin (PTFE)</b> CAS #: 9882-84-0	20-70
<b>Fibrous Glass (Fiberglass cloth)</b> CAS #: 65997-17-3	30-80

### SECTION III - HAZARDS IDENTIFICATION

#### Emergency Overview

Material is non toxic, insoluble, chemically inert, and non-biodegradable. Solid material will not support combustion, but if other fuel is present, decomposition products will react at about 1275°F producing potentially toxic gaseous products.

#### Potential Health Hazards:

##### **Skin**

Cutting or tearing this material may product small amounts of glass fiber particulates, which may cause skin irritation.

##### **Eyes**

Cutting or tearing this material may produce small amounts of glass fiber particulates, which may cause eye irritation.

##### **Inhalation**

Inhalation of fumes from burning or heating over about 500 °F (260°C) may cause polymer fume fever. This presents flu-like symptoms, which may include chills and fever. Symptoms may not appear for several hours after exposure and normally disappear within 24 hours.

#### **Ingestion**

Not a likely route of entry.

#### **Delayed Effects**

None known

Ingredients found on one of the OSHA designated carcinogen lists are listed below.

<u>Ingredient Name</u>	<u>NTP</u>	<u>IARC</u>	<u>OSHA</u>
N/A	N/A	N/A	N/A

### SECTION IV - FIRST AID MEASURES

N/A for material as supplied, at room temperature.

Processing at high temperature may generate fumes which can cause flu-like symptoms (polymer fume fever). Remove to fresh air, consult physician if severe.

### SECTION V - FIRE FIGHTING MEASURES

#### **Flash Point:**

N/A

#### **Auto Ignition Temperature:**

N/A

#### **Flammable Limits in Air (% by volume):**

N/A, solid material

#### **Extinguishing media:**

Use media appropriate to primary source of fire.

#### **Unusual fire hazards:**

Material is incombustible, but if other fuel is present, decomposition products burn at about 1275°F, producing toxic and corrosive gaseous products.

### SECTION VI - ACCIDENTAL RELEASE MEASURES

N/A, solid material

### SECTION VII - HANDLING AND STORAGE

Store and handle using good warehouse practices. Avoid excessive temperatures and high humidity.

### SECTION VIII – EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: N/A

**Personal Protective Equipment:**

**Respiratory Protection:**

Use appropriate NIOSH-approved respirator in presence of dust or decomposition fumes.

**Eyes and Face:**

Use of safety glasses recommended.

**Hands, Arms, and Body:**

Edges of material are sharp and can produce cuts, particularly if material is being rewound or slit at high speed.

**Other Clothing and Equipment:**

N/A

**Exposure Guidelines:**

(Guidelines exist for the following ingredients)

<u>Ingredient Name</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>Other Limit</u>
Fibrous glass dust	10 mg/m <sup>3</sup>	Considered "nuisance dust" 5 mg/m <sup>3</sup>	3 x 10 <sup>6</sup> fibers/m <sup>3</sup>

Other exposure limits for the decomposition products normally associated with product use are as follows: N/A

### SECTION IX – PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	White or light brown to dark brown or gray, slightly stiff, coated thread, woven fabric, braided cord, or braided tape.
<b>Physical State:</b>	Solid
<b>Molecular Weight:</b>	N/A
<b>Chemical Formula:</b>	(C <sub>2</sub> F <sub>4</sub> ) <sub>n</sub> (coating)
<b>Odor:</b>	Odorless
<b>Specific Gravity:</b>	N/D
<b>Solubility in water:</b>	Insoluble
<b>pH:</b>	N/A
<b>Boiling Point:</b>	N/A
<b>Melting Point:</b>	N/A
<b>Vapor Pressure:</b>	N/A
<b>Vapor Density:</b>	N/A

<b>Evaporation Rate:</b>	N/A
<b>% Volatiles:</b>	N/D
<b>Flashpoint:</b>	N/A

### SECTION X – STABILITY AND REACTIVITY

**Normally Stable:**

Stable

**Incompatibilities:**

Strong oxidizers, acids, bases

**Hazardous Decomposition Products:**

Thermal decomposition may produce toxic and corrosive gaseous products.

**Hazardous Polymerization:**

Hazardous polymerization will not occur.

### SECTION XI – TOXICOLOGICAL INFORMATION

**Immediate (Acute) Effects:**

No acute effects have been identified

**Delayed (Subchronic & Chronic) Effects:**

No delayed or chronic effects have been identified

**Other Data:**

N/A

### SECTION XII – ECOLOGICAL INFORMATION

These materials are chemically unreactive, non-toxic, non-water soluble, and non-biodegradable. They are composites incorporating a thermoset polymer, and are not recyclable.

### SECTION XIII – DISPOSAL CONSIDERATIONS

**Other Disposal Considerations:**

Dispose in an approved landfill or by incineration, in compliance with federal, state, and local regulation.

### SECTION XIV – TRANSPORT

U.S. DOT Hazard Class: N/A  
U.S. DOT ID Number: N/A

### SECTION XV – REGULATORY INFORMATION

#### Toxic Substances Control Act (TSCA):

TSCA Inventory Status: All components are on the TSCA inventory.

Other TSCA Issues: N/A

#### SARA TITLE III / CERCLA:

Reportable Quantities (RQ's) and/or Threshold Planning Quantities (TPQ's) exist for the following ingredients.

<u>Ingredient Name</u>	<u>SARA/CERCLA</u>	<u>SARA EHS</u>
N/A	N/A	N/A

Spills/releases resulting in the loss of any ingredient at or above its RQ requires immediate notification to the National Response Center (1-800-424-8802) and to your Local Emergency Planning Committee.

#### Section 311 Hazard Class:

N/A

#### SARA 313 Toxic Chemicals

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372:

<u>CAS #</u>	<u>Chemical Name</u>	<u>% by Weight</u>
N/A	N/A	N/A

#### State Right to Know

In addition to the ingredients found in Section II, the following are listed for state right-to-know purposes.

<u>CAS #</u>	<u>Chemical Name</u>	<u>% by Weight</u>
N/A	N/A	N/A

Additional Regulatory Information: N/A

WHMIS Classification (Canada): N/D

Foreign Inventory Status: N/D

### USER'S RESPONSIBILITY

This bulletin cannot cover all possible situations which the user may experience during processing. Each aspect of your operation should be examined to determine if, or where, additional precautions may be necessary. All health and safety information contained in this bulletin should be provided to your employees or customers. It is your responsibility to use this information to develop appropriate work practice guidelines and employee instructional programs for your operation.

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