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## MATERIAL SAFETY DATA SHEET

**PRODUCT: EF650K Prepreg**  
Developed by: ajk

Initial Issue: 9 April 2004  
Current Issue: 9 April 2004

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

#### Product Name: EF650K Prepreg

Address/Phone No. Taconic  
136 Coonbrook Road  
Petersburgh, NY. 12138  
Phone number: USA – 518-658-3202  
Emergency phone number: USA – (CHEMTREC) 800-424-9300

Product Description: Glass fabric, reinforced, epoxy Prepreg.

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Component</u>	<u>CAS number</u>	<u>Exposure Limits</u>	<u>% by Wt.</u>
Glass Fiber*	65997-17-3	OSHA PEL – 15 mg/m <sup>3</sup> ACGIH TLV – 5 mg/m <sup>3</sup>	40 – 70
Dimethylformamide	68-12-2	OSHA PEL – 10mg/m <sup>3</sup> ACGIH TLV – 10mg/m <sup>3</sup>	<0.1
Epoxy Resin	proprietary	TBD TBD	25 – 55

\*Dust values shown

### 3. HAZARDS IDENTIFICATION

Emergency Overview  
Non-flammable sheet material

Use of this product is not normally considered hazardous however if cut, sawed, sanded, etc., dust may be generated which may irritate the lungs. Additionally, elevated temperatures above 300°C may result thermal decay of product and may release carbon monoxide, carbon dioxide, hydrogen bromide and nitrogen oxides. The decomposition may cause eye and respiratory irritation. Moving the individual to fresh air will generally alleviate the symptoms. See/contact physician immediately for medical attention.

#### Potential Health Effects:

**EYE:** Normally none, however, if product is heated above 300°C, resultant air emissions may cause temporary irritation (tears, blurred vision, and redness). Rinsing eyes with clean water for 15 minutes will alleviate effects. See/contact physician.

**SKIN:** Normally none, however, if dust is generated in the use of this product, wash skin with normal soap and water. Additionally, if product is heated above 300°C, air emissions may cause skin irritation. Washing skin

with soap and water will alleviate symptoms. See/contact physician.

**INGESTION:** Normally not a concern (since it is a sizable solid), however, swallowing small amounts of this product is unlikely to cause harmful effects. See physician.

**INHALATION:** Normally not a concern, however, if the product is cut, sawed, sanded, etc., dust may be created. Appropriate respiratory protection is warranted. Additionally, if the product is heated above 300°C, it may create air emissions that cause temporary irritation to lungs. Breathing moderate amounts of semi-combusted material during thermal degradation may result in a loss of breathing comfort. Moving the patient to fresh air will alleviate the symptoms. See/contact physician.

**CHRONIC (CANCER) INFORMATION:** No known data available

**TERATOLOGY (BIRTH DEFECT) INFORMATION:** No known data available

**REPRODUCTIVE INFORMATION:** No known data available

**POTENTIAL ENVIRONMENTAL EFFECTS:** Generally, very stable with minimal impacts to plants and animals.

#### 4. FIRST AID MEASURES

**EYE:** Immediately flush eyes with water for at least 15 minutes. Get medical attention

**SKIN:** Wash with soap and water. Get medical attention if irritation develops or persists.

**INGESTION:** If swallowed, get medical attention.

**INHALATION:** Remove patient from exposure, Remove to fresh air. If not breathing, give artificial respiration. Get immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

**FLAMMABLE PROPERTIES:**

FLASHPOINT: N/A

**HAZARDOUS COMBUSTION PRODUCTS:** Thermal decomposition of product above 300°C can create carbon monoxide, carbon dioxide, hydrogen bromide and nitrogen oxide.

**EXTINGUISHING MEDIA:** Use appropriate extinguishing media for surrounding products.

**FIRE FIGHTING INSTRUCTIONS:** Use full bunker gear and respiratory protection.

#### 6. ACCIDENTAL RELEASE MEASURES

Solid – collect with hands, broom, shovel and place in non-hazardous waste collection container for later disposal.

#### 7. HANDLING AND STORAGE

This product presents minimal hazards to people handling them in accordance to their operating and storage specifications. The primary health hazard associated with this product is the generation of dust due to cutting, punching, sanding operations. The secondary health hazard associated with this product is the inhalation of

thermal decomposition products when product is subjected to temperatures greater than 300°C due to accidental fire, unintended use or inappropriate disposal practices.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

**ENGINEERING CONTROLS:** Normally none are recommended. If however, cutting, sawing sanding, etc. of the product is necessary, a properly designed dust collection system is recommended at the source of cutting.

**RESPIRATORY PROTECTION:** Not required for normal use of the product. For emergency conditions where thermal decomposition of product is occurring, self-contained breathing apparatus is recommended. If working in a dusty environment, wear a NIOSH/MSHA approved dust respirator.

**SKIN PROTECTION:** Due to basic product handling processes, gloves – of any abrasion strength, are recommended to minimize cuts due to handling the product.

**EYE PROTECTION:** Due to basic product handling processes, protective eye wear (i.e., safety glasses) are recommended to minimize particulate entry or puncture to the eyes.

## 9. PHYSICAL AND CHEMICAL PROPERTIES.

Physical Form –yellow to amber thin sheet material

Boiling Point – N/A

Specific gravity – 1.75 +/- 0.25

PH – N/A

Odor – None unless heated

## 10. STABILITY AND REACTIVITY

**STABILITY:** Stable

**CONDITIONS TO AVOID:** Keep away from flames and spark producing equipment

**INCOMPATIBILITY:** Not determined

**HAZARDOUS DECOMPOSITION PRODUCTS:** Thermal decomposition of product above 300°C can create carbon monoxide, carbon dioxide, hydrogen bromide and nitrogen oxide.

## 11. TOXICOLOGICAL INFORMATION

No known data

## 12. ECOLOGICAL INFORMATION

No known data

## 13. DISPOSAL INFORMATION

Land-filling or incineration under approved, authorized controlled conditions is acceptable for disposal. Disposal should be in accordance with local, state or national legislation.

## 14. TRANSPORT INFORMATION

No known restrictions

**15. OTHER REGULATORY INFORMATION**

**U.S. FEDERAL REGULATIONS:**

**TSCA:** Not listed on TSCA chemical Inventory

**SARA Title III:** Base material not listed