

<b>MATERIAL SAFETY DATA SHEET</b>	
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**SECTION I - IDENTITY INFORMATION**

IDENTITY (TRADE NAME):  
 Carbon Fiber Laminates  
 FAMILY/CHEMICAL NAME:  
 Epoxy/Graphite Laminate  
 HAZARD STATEMENT:  
 THIS MATERIAL SAFETY DATA SHEET (MSDS) HAS BEEN PREPARED IN COMPLIANCE WITH THE FEDERAL OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200. THIS PRODUCT IS NOT CONSIDERED TO BE A HAZARDOUS CHEMICAL UNDER THAT STANDARD.

**SECTION II - PHYSICAL DATA**

APPEARANCE AND ODOR:  
 Solid panels

**SECTION III - FIRE AND EXPLOSION HAZARD DATA**

EXTINGUISHING MEDIA:  
 Water, foam, dry chemical  
 FIRE FIGHTING PROCEDURES-SPECIAL:  
 Use self-contained breathing apparatus  
 UNUSUAL FIRE AND EXPLOSION HAZARDS:  
 Decomposition and combustion products may be toxic

**SECTION IV - REACTIVITY DATA**

STABILITY:  
 Stable  
 HAZARDOUS DECOMPOSITION PRODUCTS:  
 Thermal decomposition or burning may produce carbon monoxide, carbon dioxide, nitrogen oxides, aldehydes, acids, bromine compounds and phenol.

**SECTION V - HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE:  
 OSHA nuisance dust 15 mg/m<sup>3</sup>, respirable fraction 5 mg/m<sup>3</sup>  
 SKIN IRRITATION:  
 Not expected  
 EYE IRRITATION:  
 Dust due to machining may cause irritation  
 OVEREXPOSURE EFFECTS:  
 Nuisance dust, respiratory irritation  
 MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:  
 None known  
 EMERGENCY AND FIRST AID PROCEDURES - EYES:  
 Immediately flush eyes with water for at least 15 minutes. Call a physician.  
 EMERGENCY AND FIRST AID PROCEDURES - SKIN:  
 Wash after handling, and before eating, drinking or smoking  
 EMERGENCY AND FIRST AID PROCEDURES-INGESTION:  
 If conscious, give large quantities of water; get medical attention  
 EMERGENCY AND FIRST AID PROCEDURES - INHALATION:  
 Remove to fresh air; call a physician if irritation of nasal/respiratory tract develops

## **SECTION VI - SPILL OR LEAK PROCEDURES**

### **SPILL PROCEDURES:**

Sweep or vacuum and place into closable container for disposal; wear protective equipment specified below

### **WASTE DISPOSAL METHODS:**

Dispose in accordance with federal, state and local regulations

## **SECTION VII - SPECIAL PROTECTION INFORMATION**

### **VENTILATION:**

General mechanical ventilation and local exhaust are recommended to keep dust levels down

### **PROTECTIVE GLOVES:**

Work gloves recommended

### **EYE PROTECTION:**

Wear safety glasses or goggles

### **RESPIRATORY PROTECTION:**

Use NIOSH approved dust mask, if required

## **SECTION VIII - SPECIAL PRECAUTIONS**

### **HANDLING, SHIPPING AND STORING PRECAUTIONS:**

Machining, drilling or sawing may cause local heating and the release of toxic decomposition products, use adequate ventilation if local temperatures are expected to rise above 250°C (482°F)

### **HANDLING PRECAUTIONS:**

Nuisance dust may be generated when sanding or sawing cured material

## **SECTION IX - REGULATORY INFORMATION**

### **DOT CLASS:**

Not regulated

### **RCRA STATUS:**

Not a hazardous waste under RCRA (40 CFR 261)

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