

### SECTION A: Product Identification

**Product Name:**  
EYF-4, EYF-8, EYF-16  
Non-Asbestos Sealing Fiber

**Emergency Number:**  
(254) 289-2118

**Manufacturer:**  
O-Z/Gedney LLC  
9377 West Higgins Road  
Rosemont, IL 60018

**Information Number:**  
(254) 968-6071 Ext. 202

**Date Issued:** January 22, 2008

### SECTION II: Components and Hazard Information

Chemicals are subject to the reporting requirements of Section 313 of the emergency planning and community right-to-know act of 1986 and of 40 CFR 732.

Component	CAS Number	Concentration	Sect. 313
Refractory Ceramic Fibers	142844-00-6	60%-100%	No

### SECTION C: Primary Routes of Entry and Emergency First Aid Procedures

**Eye Contact:**

May cause temporary discomfort or irritation to the eye. Flush with large quantities of water for at least 15 minutes. Get immediate medical attention if necessary.

**Skin Contact:**

May be slightly irritating to the skin. Wash with soap and water; rinse with large amounts of running water.

**Inhalation:**

Move to fresh air. Consult a doctor if needed.

**Ingestion:**

If this product is swallowed, seek immediate medical advice and/or attention.

### SECTION D: Fire and Explosion Hazard Information

**Flash Point:** N/A

**Method:** N/A

**Auto-Ignition Temperature:** Product is not self-igniting.

**Exposure Limit:** N/A

**Hazardous Materials Identification System (HMIS)**

**Basis:** As interpreted by O-Z/Gedney

Health  
1

Flammability  
0

Reactivity  
0

Personal Protection  
G

**Handling Precautions:**

Keep containers closed when not in use. Air monitoring should be done in areas wherever the potential exists for airborne fibers. Minimize airborne exposures through use of NIOSH approved respirators. Wearing protective clothing, gloves and eye protection are recommended.

**Flammable or Explosive Limits (Approximate Percent by Volume in Air):**

**LEL (Lower):** N/A

**UEL (Upper):** N/A

**OSHA Flammability Classification:** None

**Extinguishing media and Fire Fighting Procedures:**

Use multipurpose dry chemical foam, sand, chemical foam, and/or carbon dioxide to extinguish flames.

**Special Fire Fighting Procedures:**

None required.

**Unusual Fire and Explosion Hazards:**

None known.

**Decomposition Products Under Fire Conditions:**

None known.

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### SECTION E: Health Hazard Information

#### Health Hazard Acute:

Eye and skin irritation.

#### Health Hazard Chronic:

Prolonged or repeated inhalation of RCF dust may cause cancer. Exposure of the product to high temperature may convert fibers to crystalline silica, an IARC and NTP listed carcinogen which can cause silicosis or cancer.

#### Is Material Carcinogenic?

This product contains Refractory Ceramic Fibers (RCF). IARC has classified RCF's as a possible human carcinogen, Group 2B. This classification was based on sufficient evidence of carcinogenicity in animals and no available data in humans. NTP classified respirable RCF's as reasonable anticipated carcinogens. Recent epidemiology studies show the general health of workers in the RCF industry was similar to that of workers in other dusty work environments. There have been no reports of mesothelioma, and the lung cancer rate appears similar to background rates, but the number of workers with a long latency period is too few for definite conclusions. There were a small number of employees with an increased risk of developing pleural plaques (shadows along the inside of the chest wall). These plaques, however, are not known to cause symptoms or disability. Safe handling methods should be followed, including air monitoring in areas wherever the potential exists for airborne fibers, minimizing airborne exposures through use of NIOSH approved respirators, and wearing protective clothing, gloves and eye protection.

#### Emergency First Aid Procedures:

Wash exposed areas with soap and water. Flush eyes with water for 15 minutes. Seek medical attention if necessary. Remove victim from area and ventilate.

#### Signs and Symptoms of Exposure:

Excessive inhalation of dust may result in shortness of breath and reduced pulmonary function.

#### Medical Conditions Generally Aggravated by Exposure:

Asthma, chronic lung disease, and skin irritation.

### SECTION F: Physical Data

**Boiling Point:** N/A

**Vapor Pressure:** N/A

**Density:** 2.73 g/cm<sup>3</sup>

**Vapor Density (Air=1):** N/A

**Solubility in Water:** Insoluble

**Reactivity in Water:** None

**Melting Point:** N/A

**Viscosity @ 25°C:** N/A

**Appearance and Oder:** White solid with no specific odor.

### SECTION G: Reactivity

This product is stable and will not react violently with water. Hazardous polymerization will not occur.

### SECTION H: Spill or Leak Procedures

#### The following steps should be taken in case material is released or spilled:

As sold, this product is not RCRA hazardous. Final used condition must be evaluated prior to disposal. Assure conformity with applicable local, state, and federal regulations in disposing of waste.

### **SECTION I: Protection and Precautions**

#### **Ventilation:**

Use only with ventilation sufficient to prevent exceeding recommended exposure limit.

#### **Respiratory Protection:**

NIOSH approved respirators should be used if dust is present.

#### **Protective Gloves:**

Protective gloves are recommended to avoid prolonged or repeated skin contact.

#### **Eye Protection:**

Safety glasses with side shields are recommended.

#### **Other Protective Equipment:**

Use chemical resistant apron or other impervious clothing to avoid contaminating regular clothing which could result in prolonged or repeated skin contact.

#### **Work Practices/Engineering Controls:**

Keep containers closed when not in use. Prevent formation of dust. Store in a cool, dry place with adequate ventilation.

#### **Personal Hygiene:**

Avoid prolonged or repeated contact with skin. Remove contaminated clothing. Launder or dry clean before reuse. Cleanse skin thoroughly after contact, before breaks and meals, and at the end of the work period. Avoid contact with eyes.

### **SECTION J: Transportation Information**

#### **Transportation Incident Information:**

For further information relative to spills resulting from transportation incidents, refer to latest Department of Transportation Emergency Response Guidebook for hazardous materials Incidents DOT P5800.3.

#### **DOT Identification Number:**

Not regulated by DOT.

### **Notice**

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The Environmental Information included herein as well as the Hazardous Materials Identification System (HMIS) ratings have been included by EGS Electrical Group in order to provide additional health and hazard classification information. The ratings recommended are based upon the criteria supplied by the developers of these rating systems, together with EGS Electrical Group's interpretation of the available data.

**Prepared by:** James H. Sommer, P.E.

**Date:** May 9, 2008