

## MATERIAL SAFETY DATA SHEET

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### SECTION 1. IDENTITY OF MATERIAL

Product Name: A.W. Perkins Woodstove Gasket - Fiberglass rope, tape or sleeving  
Chemical Name And  
Synonyms: Continuous filament Fiberglass (Fibrous Glass, Glass Fibers)

### SECTION 2. INGREDIENTS

Ingredients:

Fibrous glass: Composition consisting principally of oxides of silicon, aluminum, calcium, boron and magnesium fused in an amorphous vitreous state. %:  96.5% TLV(R)  
(Units): 10 mg/M3 PEL: None established (5 mg/M3 - respirator nuisance dust)  
Surface sizing: %:  3.5% TLV(R) (Units): None established PEL: None established

### SECTION 3. PHYSICAL DATA

Boiling Point (F) MP:

Not applicable

Vapor Pressure (mm Hg): Not applicable

Vapor Density (Air = 1) Not applicable

Solubility in Water: Insoluble

Specific Gravity (H2O - 1): 2.59 (Bare glass)

Melting Point: 800 C

Evaporation Rate: Not applicable

Percent, Volatile (Volume): 0

Appearance and Odor: A texturized product consisting of yellow-white to white fibers bound together in strands and manufactured into rope, tape or sleeving

(Continued on Page 2)

### **SECTION 3. PHYSICAL DATA (CONTINUED)**

Fiber Diameter:

Normally there are no fibers with diameters smaller than 4.7 microns in any Fil-Tec Inc. rope, tape or sleeving products.

### **SECTION 4. FIRE AND EXPLOSION HAZARD DATA**

Flash Point:

Non-burning

Extinguishing Media: Not applicable. Use media suitable for surrounding fire

Unusual Fire and

Explosion Hazards:

Not applicable

Flammable Limits: Not applicable

Special Fire Fighting Procedures: In a sustained fire, a self contained breathing apparatus (SCBA) should be worn

### **SECTION 5. REACTIVITY DATA**

Stability:

Stable

Incompatibility:

(Materials to Avoid) None known

Hazardous Decomposition Products: In a sustained fire, binders may decompose releasing hazardous products of combustion (See section IV)

Hazardous Polymerization: Will not occur

Conditions To Avoid: None known

### **SECTION 6. HEALTH HAZARD DATA**

Primary Routes Of Entry:

Inhalation

Health Hazards:

Acute: Exposure to glass fibers sometimes causes irritation of the skin, and less frequently, irritation of the eyes, nose or throat

Chronic: A number of epidemiology studies, done over many years, of workers employed for up to 40 years in the manufacture of fiberglass have shown no evidence of increases in either malignant or non-malignant respiratory disease attributable to exposure to fiberglass. However, recent studies have shown slight increases in lung cancer among workers employed in the manufacture of glass wool and mineral wool insulation products. Those same studies showed no evidence of a similar effect among continuous filament fiberglass products. Animal inhalation studies for fiberglass have not shown evidence of either a carcinogenic or fibrogenic response. (Continued on page 3)

## **SECTION 6. HEALTH HAZARD DATA (CONTINUED)**

Studies using artificial implantation or injection of glass fibers into animals have resulted in cancer.

However, since there are no natural mechanisms which would mimic such artificial exposures, those studies are not thought to be relevant to human exposure.

**Carcinogenicity:** Continuous filament fiberglass has been designated by IARC as a Group 3, "non classifiable as to human carcinogenicity." This means the evidence is insufficient to link that fiber to cancer.

**Signs and Symptoms Of Exposure:** Rash, itching, conjunctivitis, coughing, sneezing

**Medical Conditions Generally Aggravated by Exposure** None known

**Emergency and First Aid Procedures:** Eyes - Flush with water at least 15 minutes, consult physician

**Skin** - Rinse contacted areas with room temperature to cool water, then wash gently with mild soap. If fiberglass becomes imbedded, seek medical attention.

## **SECTION 7. PRECAUTIONS FOR SAFE HANDLING AND USE**

**Steps to be Taken In Case Material Is Released Or Spilled:**

No special precautions

**Waste And Disposal Method:** Dispose as a solid waste in compliance with local, state and federal regulations. Not considered a hazardous waste under federal "RCRA" regulations.

**Precautions To Be Taken In Handling And Storing:** None known

**Other Precautions:** None known

## **SECTION 8. CONTROL MEASURES**

**Respiratory Protection (Specify Type):**

Not normally required. If airborne fiberglass concentrations exceed permissible exposure levels, respiratory protection for nuisance dusts in accordance with OSHA 1910.134 should be provided.

**Ventilation:** Use local exhaust ventilation if necessary to maintain airborne levels to below established limits.

**Protective Gloves:** May reduce skin irritation in some operations.

**Other Protective Equipment:** Long sleeving, loose fitting clothing to minimize mechanical irritation of skin.

**Eye Protection:**

Safety glasses with side shields

**Work/Hygienic Maintenance Practices:** Wear glass for vision correction rather than contact lenses where dust is generated to avoid eye irritation or mechanical injury. Wash work clothes separately. Rinse out washer and wipe out dryer after use.

**USA:** Meets requirements of 29 CFR 1910.1200

CANADA: This product is not a controlled product as defined by the Regulations Respecting Controlled Products

Revision Date: September 21, 2007

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