

**MATERIAL SAFETY DATA SHEET**

**Company Name:** PEMKO  
**Address:** 4226 TRANSPORT STREET  
**City / State / Zip:** VENTURA / CA / 93003  
**US-CHEMTREC Phone(I):** (800)424-9300  
**US-CHEMTREC Phone(II):** (703)527-3887  
**CAN-CANUTEC Phone:** (613)996-6666  
**Vendor Update:** 8/21/2006  
**Date Prepared:** 5/14/2007  
**MSDS Number:** FG3000S90 ;

**I. CHEMICAL PRODUCT IDENTIFICATION**

**Product Name:** FIRE GLAZING TAPE  
**HMIS Ratings:**  
**NFPA Ratings:**

**Other:** A WHITE FLEXIBLE INTUMESCENT MATERIAL SUPPLIED IN 5/64" (2.0 MM) THICK X 29/64" (11.5MM) WIDE STRIPS WITH AN ADHESIVE BACKING.

**II. COMPOSITION, INFORMATION ON INGREDIENTS**

<b>Chemical Ingredient</b>	<b>C.A.S. Number</b>	<b>% By Weight</b>	<b>ACGIH TLV TWA/STEL</b>	<b>OSHA PEL TWA/STEL</b>	<b>Other TWA/STEL</b>	<b>LD50</b>	<b>LC50</b>
NONE							
<b>Notes</b>							
<b>Other:</b>	A PROPRIETARY BLEND OF HYDRATED MINERALS AND INERT FILLERS IN A POLYMERIC BINDER. NOT IDENTIFIED BY CAS NUMBERS.						

**III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY**

**Eyes:** YES.

**Skin:** YES.

**Medical Conditions**

**Aggravated by**

**Exposure:**

**IV. FIRST AID MEASURES**

**Eyes:** IF MATERIAL ENTERS THE EYE, FLUSH WITH WATER. IF IRRITATION DEVELOPS OR PERSISTS, SEEK MEDICAL ATTENTION.

**Skin:** THERE IS NO EVIDENCE OF SKIN SENSITIVITY, BUT AS A PRECAUTION, PERSONS WITH SENSITIVE SKIN SHOULD WEAR GLOVES.

**V. FIRE FIGHTING MEASURES**

**Flash Point:** NOT APPLICABLE

**Lower Flammability Limit:** NOT APPLICABLE

**Upper Flammability Limit:** NOT APPLICABLE

**Extinguishing Agents:** BULK MATERIAL IS NON-COMBUSTIBLE. DUSTS ARE COMBUSTIBLE, USE WATER, CARBON DIOXIDE, DRY CHEMICAL, OR FOAM.

**Unusual Fire or Explosion Hazards:** EXPOSURE TO HEAT EXPANDS THE MATERIAL COPIOUSLY GIVING OFF STEAM, CARBON DIOXIDE, AND DECOMPOSED POLYMERIC PRODUCTS. SOME TRANSIENT

FLAMING MAY OCCUR, BUT IS SELF-EXTINGUISHING AS EXPANSION CONTINUES. MATERIAL VOLUME INCREASES APPROXIMATELY TWO TIMES WHEN EXPOSED TO INTENSE HEAT.

**Fire Fighting Procedures:**

MATERIAL IN OR NEAR FIRES SHOULD BE COOLED WITH WATER SPRAY OR FOG. FULL FACE SELF-CONTAINED BREATHING APPARATUS, OPERATING IN THE POSITIVE PRESSURE MODE AND FULL FIRE-FIGHTING PROTECTIVE CLOTHING SHOULD BE WORN.

## VI. ACCIDENTAL RELEASE MEASURES

### VII. HANDLING AND STORAGE

**Other:** HANDLING: DUST  
MINIMAL DUST IS GENERATED WHEN HANDLING THE MATERIAL OR CUTTING WITH A KNIFE OR SCISSORS. IF CUT WITH A SAW, A DUST MASK OR RESPIRATOR SHOULD BE USED.  
STORAGE: STORE AWAY FROM HEAT, SPARK, OPEN FLAMES AND/OR OTHER FORMS OF IGNITION. DO NOT STORE NEAR INCOMPATIBLE CHEMICALS.

### VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

**Eyes:** SAFETY GLASSES SHOULD BE WORN TO PREVENT EYE CONTACT WITH PARTICULATE MATTER.

**Skin:** HANDS – PROTECTIVE CLOTH GLOVES ARE RECOMMENDED TO MAINTAIN PERSONAL HYGIENE DURING HANDLING AND PROCESSING OPERATIONS.

**Other:** CLOTHING – WHERE NORMAL WORK CLOTHES MAY BECOME CONTAMINATED BY THE MATERIAL, COVERALLS ARE RECOMMENDED. WASH CONTAMINATED CLOTHING BEFORE REUSE.

### IX. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** WHITE  
**Boiling Point:** NOT APPLICABLE, SOLID MATERIAL  
**pH:** NOT APPLICABLE  
**Solubility in Water:** INSOLUBLE  
**Specific Gravity:** 1.6–1.9  
**Vapor Pressure:** NOT APPLICABLE, NON-VOLATILE MATERIAL  
**Vapor Density:** NOT APPLICABLE, NON-VOLATILE MATERIAL  
**Physical State:** SOLID  
**Volatile Content:** NON-VOLATILE MATERIAL  
**Other:** MELTING POINT: ABOVE 5000°F.

### X. STABILITY AND REACTIVITY

**Stability:** MATERIAL IS STABLE IN AMBIENT CONDITIONS.  
MATERIAL WILL EXPAND WHEN EXPOSED TO TEMPERATURES EXCEEDING 302°F (150°C).

**Incompatible Products:** AVOID CONTACT WITH STRONG OXIDIZING AGENTS.

### XI. TOXICOLOGICAL INFORMATION

### XII. ECOLOGICAL INFORMATION

**Ecotoxicity:**

**XIII. DISPOSAL CONSIDERATIONS**

**Disposal Method:** NO SPECIAL PROVISIONS ARE REQUIRED FOR THE SAFE DISPOSAL OF THIS MATERIAL. MATERIAL SHOULD BE DISPOSED OF IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS. DISPOSAL IN AN EPA APPROVED LANDFILL IS RECOMMENDED.

**XIV. TRANSPORT INFORMATION**

**XV. REGULATORY INFORMATION**

**Supplemental State  
Compliance  
Information:**

**XVI. OTHER INFORMATION**

**WARRANTY INFORMATION**

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.