

STANDARD INDUSTRIAL MINERALS, Inc.  
Material Safety Data Sheet

Identity (As used on label and list) PYROLITE

**Section I**

Manufacture's Name: **Standard Industrial Minerals, Inc.**  
Address: **Post Office Box 303, Bishop, California 93515**

Emergency Telephone Number: (760) 873-6720

Telephone Number for information: (760) 873-6720

Date Prepared: May 1998 Date Reviewed: May 2001

Prepared By: R.B. Harmon Reviewed By: R.B.H.

**Section II – Hazardous Ingredients/identity Information**

Hazardous Components (Specific chemical Identity: common Name(s))

OSHA PEL 5mg/m<sup>3</sup> ACGIH TLV 2mg/m<sup>3</sup>

Other Limits Recommended N/A % Optional N/A

**Pyrolite is in the Pyrophyllite Mineral family CAS # General Formula**

Al<sub>2</sub>O<sub>3</sub>4SiO<sub>2</sub>(2H<sub>2</sub>O). There are no asbestos, or other long fiber minerals found in Pyrolite. Quartz is present in Pyrophyllite. Respirable crystalline silica is harmful if inhaled. Crystalline silica is a known carcinogen.

**Section III – Physical /Chemical Characteristics**

Boiling Point N/A Specific Gravity (H<sub>2</sub>O=1) 2.71

Vapor Pressure (mm Hg.) N/A Melting Point N/A

Vapor Density (Air=1) N/A Evaporation Rate N/A

(Butyl Acetate =1)

Solubility in Water **Insoluble**

Appearance **Lite Brown Fine Ground Mineral** Odor **Odorless**

**Section IV - Fire and Explosion**

Flash Point ( Method Used) **Non Flammable**

Flammable Limits **Non Flammable** LEL N/A UEL N/A

Extinguishing Media **Non required**

Special Fire Fighting Procedures **None** Unusual Fire Fighting Procedures **None**

Explosion hazards **None**

**Section V – Reactivity Data**

Stability: Unstable **No** Stable **Yes** Conditions to Avoid **None**

Incompatibility (Material to Avoid) **None**

Hazardous Decomposition or By products **N/A**

Hazardous Polymerization: May Occur **No** Will not Occur **Yes**

Condition to Avoid **None**

Pyrolite continued

**Section VI – Health Hazard Data**

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Route(s) of Entry: Inhalation **Yes** Skin **No** Ingestion **No**  
Health Hazards (Acute and Chronic) **Quartz is present in Pyrophyllite, therefore crystalline silica is present. Crystalline silica is a known carcinogen. If inhaled over a period of time it may cause lung injury.**

Carcinogenicity **Possibly** NTP **N/A** IARC Monographs **N/A**  
OSHA Regulated **N/A**  
Signs and Symptoms of exposure **N/A**  
Medical Conditions Generally Aggravated by exposure **N/A**  
Emergency and First Aid Procedures **None**

**Section VII – Precautions for Safe Handling and Use**

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Steps to be taken in Case Material is Released or Spilled. **No special Procedure Clean or sweep as required. Avoid creating air borne particulates.**

Waste Disposal Method **Landfill or other method as approved by local ordinances.**

Precautions to be taken in Handling and Storage **Avoid creating airborne particulates. Clean spills to prevent tripping hazards.**

Other Precautions **None**

**Section VIII – Control Measures**

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Respiratory Protection (Specify Type) **Use non toxic particle mask # 8710 3M Company or equivalent.**

Ventilation : Local Exhaust **To meet TLV Standard**

Mechanical (General) **To meet TLV Standard**

Special **None**

Protective Gloves **None Required**

Eye Protection **None required (recommend Safety Glasses or Goggles)**

Other Protective Clothing or Equipment **None**

Work/Hygienic Practices **Normal Hygienic Practices**

Complies with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Form No. OSHA 174, Sept. 1985

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.