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^3** ACGIH TLV **2mg/m^3**
Other Limits Recommended **N/A %** Optional **N/A**

Pyrolite is in the Pyrophyllite Mineral family CAS # General Formula $A1_2O_34SiO_2(2H_2O)$. There are no asbesto, 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_2O=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

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

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

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.