

**SECTION I -- PRODUCT INFORMATION**

**PRODUCT NAME:** Natural sand & Gravel  
**TRADE NAME:** Pea Gravel  
**PREPARATION DATE:** July 6, 2007

**SECTION II – CHEMICAL PRODUCT AND COMPONENT DATA**

<u>Component(s)</u>	<u>CAS #</u>	<u>% (Approx)</u>	<u>ACGIH (TLV-TWA)</u>
Quartz (Crystalline Silica)	14808-60-7	100	10 mg/m <sup>3</sup> of total dust usually greater than 1%

**SECTION III – PHYSICAL DATA**

<b>SOLUBILITY:</b>	N/A
<b>STABILITY:</b>	Stable
<b>SPECIFIC GRAVITY (H2O=1):</b>	2.55-2.80
<b>FLASH POINT:</b>	N/A
<b>FLAMMABLE LIMITS:</b>	N/A
<b>APPEARANCE:</b>	Brown or Grey
<b>ODOR:</b>	No odor

**SECTION V – PERSONAL PROTECTION AND CONTROLS**

**RESPIRATORY:** If airborne concentrations exceed recommended exposure limits, a suitable NIOSH/MSHA approved filter respirator should be worn. General ventilation or local exhaust is normally adequate to control dust emissions, if not, engineering controls should be utilized.

**EYE:** Safety glasses with side shields should be worn as minimum protection from impact. Dust goggles should be worn when excessively dusty conditions are present or anticipated.

**GENERAL:** The use of hard hats and hard toe shoes are recommended. Gloves may be worn to protect from abrasion.

**SECTION VI – FIRST AID**

**INHALATION:** Remove to fresh air.

**SKIN:** Wash with soap and water.

**EYE:** Flush with water.

## SECTION VII – HEALTH HAZARDS

<b>EXPOSURE LIMITS:</b>	<b><u>ACGIH (PNOC)</u></b>	<b><u>TLV-TWA</u></b>
Total Dust	10 mg /m <sup>3</sup>	<1% quartz
Respirable Fraction:	5 mg /m <sup>3</sup>	<5% quartz

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:** Exposure to dust may cause irritation to the skin, eyes or respiratory system or may aggravate existing skin, eye or respiratory system disease.

**ROUTE OF EXPOSURE:** Inhalation

**ACUTE TOXICITY:** Exposure to dust may irritate skin, eyes, or the respiratory system. If irritation is aggravated or persists, contact a physician.

**CHRONIC TOXICITY:** Natural Sand & Gravel is not listed on the NTP, IARC or OSHA lists of carcinogens.

## SECTION VIII – STORAGE AND SPECIAL PRECAUTIONS

Respirable dust may be generated during processing, handling and storage. Lightly wetting the material will minimize the dust. User personal protection equipment as suggest in Section V.

## SECTION IX – SPILL, LEAK, AND DISPOSAL METHODS

Pick up mechanically or with hand tools and reuse, recycle or dispose of as a common non-hazardous material. Manage such activities in accordance with all applicable environmental, health, and safety rules, laws or regulations.

## SECTION X – TRANSPORTATION

DOT Hazard Classification and placards are not required. Some areas require the use of tarps on trucks during transportation or material.

Individuals handling this product should be informed of the recommended safety precautions and should have access to this information. The information provided in this Material Safety Data Sheet represents data from the manufacturer and/or vendor and is accurate to the best of our knowledge. By providing this information, Flat Rock Bagging makes no guarantee or warranty, expressed, or implied, concerning the safe use, storage, handling, precautions, and/or disposal of the products covered or the accuracy of the information contained in this fact sheet. It is the responsibility of the user to comply with local, state, and federal laws and regulations concerning the safe use, storage, handling, precautions, and/or disposal of products covered in this fact sheet.