

## MATERIAL SAFETY DATA SHEET

**TRADE NAME:** Natural Sand & Gravel                      **SYNONYMS:** Sand & Gravel  
2NS, Mortar Sand, Fill Sand,  
Gravels, Pea Pebble, Road Gravel

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### 1.0 CHEMICAL PRODUCT AND COMPONENT DATA

<u>Component(s):</u>	<u>CAS #</u>	<u>% (Approx.)</u>	<u>ACGIH TLV-TWA</u>
Quartz (Crystalline Silica) usually greater than 1%	14808-60-7	100	30 mg/m <sup>3</sup> of total dust

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### 2.0 PHYSICAL DATA

SOLUBILITY: NA  
STABILITY: Stable  
SPECIFIC GRAVITY: 2.55-2.80  
FLASH POINT: NA  
FLAMMABLE LIMITS: NA  
APPEARANCE & ODOR: Brown or gray, no odor.

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### 3.0 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 is recommended. Gloves may be worn to protect from abrasion.

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#### 4.0 FIRST AID

INHALATION: Remove to fresh air.

SKIN: Wash with soap and water.

EYE: Flush with water.

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#### 5.0 HEALTH HAZARDS

EXPOSURE LIMITS: ACGIH (PNOC) TLV - TWA  
Total Dust: 30mg/m<sup>3</sup> <1% quartz  
Respirable Fraction: 10mg/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 the skin, eyes, or the respiratory system.

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

Note: If irritation is aggravated or persists, contact a physician.

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#### 6.0 STORAGE AND SPECIAL PRECAUTIONS

Respirable dust may be generated during processing, handling, and storage. Lightly wetting the material will minimize the dust. Use personal protection equipment as suggested in Section 3.0.

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#### 7.0 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 laws, rules, or regulations.

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#### 8.0 TRANSPORTATION

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

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9.0 ADDITIONAL INFORMATION

Contact: Edw. C. Levy Co.  
8800 Dix Ave.  
Detroit, MI 48209

Business Hours: (313) 843-7200  
(313) 849-9338  
(313) 849-9374

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10.0 DATE ISSUED

May 2003

This Material Safety Data Sheet and the information contained herein is offered in good faith as accurate. It is the user's obligation to determine the suitability of and use this product safely and to comply with all applicable laws, rules, and regulations.