

# MATERIAL SAFETY DATA SHEET

## Section I

## Product Identification

**Product Name:** Concrete Masonry Unit  
**Manufacturer Name:** Harvey Cement Products Incorporated  
**Address:** 16030 Park Ave  
Harvey, IL 60426

**Manufacturer's Telephone:** (708) 333-1900  
**Emergency Telephone:** (708) 333-1900  
**Date Revised:** March 2005

## Section II

## Hazardous Ingredients / Identity Information

**Hazardous Components**                      **OSHA PEL/ACGIH TLV**  
Quartz (SiO<sub>2</sub>)                                      .01 mg/m<sup>3</sup>

As free crystalline silica released by sawing or grinding; nuisance dust released by sawing or grinding

## Section III

## Physical / Chemical Characteristics

|                             |                |                          |     |
|-----------------------------|----------------|--------------------------|-----|
| <b>Boiling Range:</b>       | N/A            | <b>Specific Gravity:</b> | N/A |
| <b>Vapor Density:</b>       | N/A            | <b>Evaporation Rate:</b> | N/A |
| <b>Solubility in water:</b> | N/A            | <b>Water Reactivity:</b> | N/A |
| <b>Appearance and odor:</b> | Odorless solid |                          |     |

## Section IV

## Fire & Explosion Hazard Data

|  |   |                     |     |
|--|---|---------------------|-----|
| <b>Flash Point:</b>                                | N/A   | <b>Method Used:</b> | N/A |
| <b>Flammable limits in air by volume – Lower -</b> | N/A   | <b>Upper -</b>      | N/A |
| <b>Extinguishing Media:</b>                        | None Required   |                     |     |
| <b>Special Firefighting procedures:</b>            | Use appropriate extinguishing media for the combustible material involved |                     |     |

## Unusual Fire & Explosion

**Hazards:** Firefighters should use self-contained breathing apparatus

## Section V

## Reactivity Data

|   |                |                             |      |
|---|----------------|-----------------------------|------|
| <b>Stability:</b>                             | Stable         | <b>Conditions to avoid:</b> | None |
| <b>Incompatibility:</b>                       | None           |                             |      |
| <b>Hazardous decomposition or Byproducts:</b> | None           |                             |      |
| <b>Hazardous Polymerizations:</b>             | Does not occur |                             |      |

## Section VI

### Health Hazard Data

**Routes of Entry:** Inhalation and Ingestion

**Health Hazards (Acute & Chronic):** Dust while sawing and grinding in acute exposure may irritate respiratory systems, eyes and skin. Chronic exposure to respirable quartz in excess of exposure limits could cause silicosis.

### Carcinogenicity

**NTP:** No    **IARC Monographs:** No

**OSHA Regulated:** No

This product is not listed on the NTP, IARC, or OSHA lists or carcinogens. There is sufficient evidence for carcinogenicity of crystalline silica to humans and experimental animals. Some human studies indicate potential for lung cancer from prolonged exposure. Risk or injury depends on duration and level of exposure.

**Signs and Symptoms of Exposure:** Symptoms of silicosis may include shortness of breath, diminished work capacity, and irritation of eyes and nose.

**Medical Conditions generally aggravated by exposure:** Inhaling respirable dust may aggravate pre-existing lung disease(s) such as emphysema or asthma.

### Emergency and First Aid Procedures

**Inhalation:** Remove to fresh air

**Eyes:** Flush with water, seek medical attention

**Skin:** Wash with soap and water

## Section VII

### Precautions for safe handling and use

#### Steps to be taken in case material is released or spilled:

Spilled materials, where dust can be generated, may expose clean up personnel to respirable dust, wetting of spilled material & use of respiratory equipment is recommended.

**Waste Disposal Method:** Dispose of waste material in accordance with federal, state and local regulations.  
Precautions to be taken in handling and storage:  
Respirable dust may be generated during handling and storage. The control measures in Section VIII should be applied.

**Other Precautions:** None

## Section VIII

### Control Measures

#### Respiratory

**Protection:** NIOSH approved dust respirator for conditions where dust levels exceed applicable exposure limits.

**Ventilation:** Mechanical (general) Use to reduce dust concentrations below applicable exposure limits. Protective gloves: to prevent skin contact.

**Eye Protection:** Safety glasses and /or goggles

**Other protective  
Clothing or  
Equipment:  
Work / Hygienic  
Practices:**

Wear long sleeves and long pants to prevent skin contact

Wash exposed skin with soap and water, wash work clothes frequently