



Material Safety Data Sheet
Indu-Crete Part C
Gray

2800 Enloe Street
Hudson, WI 54016

Emergency Telephone Number
800-535-5053

Telephone Number for Information
800-577-6213

Hazardous Ingredients/Identity Information

Chemical Type: Mineral (particulate)				
Chemical identity	CAS #	Percent	Minnesota OSHA PEL	ACGIH TLV
Silica Sand	14808-60-7	80-90%	10 mg/m ³ / (%quartz+2) or 0.1mg/m ³ (respirable)	0.05 mg/m ³ (respirable)
Portland Cement	65997-15-1	5-10%	5 mg/m ³ respirable, 10 mg/m ³ total	10 mg/m ³ (2005 Notice of Intended Changes to 1 mg/m ³)
Lime	1305-62-0	2-5%	5 mg/m ³	5 mg/m ³
Pigments	N/A	<1%	5 mg/m ³ respirable, 10 mg/m ³ total	10 mg/m ³

Health Hazard Data

Carcinogenicity Crystalline silica is considered a known human carcinogen by NTP and IARC.

Effects, Signs, and Symptoms of Overexposure:

Primary route of exposure: inhalation, eye contact. If the finished product is aggressively sanded, it could produce hazardous levels of silica.

Eye Contact: May cause irritation and inflammation. Extensive contact could cause severe burns.

Skin Contact: May cause drying and irritation. Extensive contact with wet or sweaty skin could cause skin burns. Prolonged and repeated contact could cause contact dermatitis.

Inhalation: May cause mucous membrane irritation. In normal use, overexposure is unlikely. Repeated or high exposures to fine dust from the most hazardous component, silica, could cause silicosis (pulmonary fibrosis, or severe lung scarring), lung cancer, an increased risk of tuberculosis, heart enlargement. Symptoms of chronic overexposure include shortness of breath, coughing, wheezing, impaired lung function

Ingestion: Not likely to occur. Very low toxicity.

Medical Conditions Generally Aggravated by Exposure:
Respiratory illnesses (bronchitis, emphysema, asthma). Smoking can increase the risk of lung injury.

Emergency and First Aid Procedures:

Eyes: Flush eyes thoroughly, including under lids, with water for 15 minutes. Get immediate medical attention for any redness, tearing, pain, or blurry vision.

Skin: Wash with plenty of water and mild soap.

Inhalation: Move the person to fresh air; support breathing.

Ingestion: Drink large amounts of water. Get medical advice (Poison Center: 1-800-222-1222). Do not induce vomiting.

Fire and Explosion Hazard Data

Flash point (Method used)	N/A. Material does not burn
Extinguishing Media: None required	
Special fire fighting procedures: None	
Unusual Fire and Explosion Hazards: None	

Physical Characteristics

Boiling point	N/A	Specific gravity (H ₂ O = 1)	>1
Vapor Pressure	N/A	Solubility in water	Insoluble
Appearance and odor: Granular powder. No odor.			

Reactivity Data

Stability	Stable	Conditions to avoid: None
Incompatibility (<i>Materials to Avoid</i>): acids, fluorine-containing compounds, aluminum metals, ammonium salts.		
Hazardous Decomposition or Byproducts: At high temperatures, crystalline silica in the product may change its structure to form tridymite or cristobalite, which are an equal or greater health risk. Wet material in contact with aluminum can generate hydrogen gas.		
Hazardous Polymerization: Will not occur.		

Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled
This material is usually not considered a hazardous or regulated waste (unless contaminated by work procedures). Scoop or shovel into container, controlling dust. The material can be wetted with water to control dust.
Waste Disposal Method:
Follow federal, state, and local regulations. Unused, uncontaminated material may be disposed of in an approved landfill in accordance with all EPA, state, and county disposal regulations. This material is not a waste by RCRA (40 CFR 261) criteria.

Precautions to be Taken in Handling and Storing

Keep material dry until used. Follow manufacturer's guidelines for mixing. Minimize dust generation.

Other Precautions:

Carefully follow all EPA, state, and county regulations

Control Measures

Respiratory Protection (*Specify Type*): None usually required. An N100 respirator is recommended if there is a significant amount of dust or if sanding the finished product.

Ventilation: General (dilution) ventilation to control buildup of odors from Part A and B is usually adequate.

Protective Clothing: None usually required

Eye Protection: Wear chemical safety goggles to prevent particles in the eyes.

Work/Hygienic Practices

Follow standard good work practices: Wash with soap and water before eating, drinking, smoking, applying cosmetics. Launder contaminated clothing before reuse. Do not eat, smoke, or apply cosmetics when working with the product.

Transportation Requirements

This material is not subject to DOT regulations under 49 CFR Parts 171 – 180.

Date Prepared: 11 November 2005

Prepared by: Janet L. Keyes, CIH

The data in this material safety data sheet relate only to the specific material designated herein and do not relate to use in combination with any other material or in any process. The information is believed to be correct as of the date issued. Since the use of this information and the conditions of use of the product are not within the control of Indue Sales and Services, it is the user's obligation to determine procedures for safe use and disposal of the product and to follow the appropriate safe procedures.