

MATERIAL SAFETY DATA SHEET

Innovative Concrete Technology Corp.

2410 McJunkin Rd.

Lakeland, FL 33803

Telephone: (863) 665-8787

Last updated: 09/21/2004

Emergency Telephone: (888) 296-5236

Section 1 - Product Information

Product name: Diamond Dust

Description: Non Skid Additive

Synonyms: None

Molecular Formula: N/A

Chemical Family: N/A

Section 2 - Hazardous Ingredients

		OSHA PEL	ACGIH TWA	SARA
		15mg/m3 (Dust)		
Polymeric Powder	9003-07-0			

Avoid High Concentrations of fumes when melting

Section 3 - Physical Properties

Specific Gravity: 0.9

% Volatiles: Zero

Appearance: White Powder

PH: N/A

Odor: Typical Wax Odor

Boiling Point: N/A

Melting Point: 330F/160C

Section 4 - Fire and Explosion Data

Flash Point: > 530F/277C

Extinguishing Media: Carbon Dioxide, dry chemical or fine water spray. Avoid water stream on molten burning material as it may scatter and spread the fire.

Fire Fighting Procedures: Firefighters should be equipped with self-contained breathing apparatus and turn out gear. Watch footing on floors and stairs because of possible melting and spreading of material.

Unusual Hazards: Melts in proximity to fires causing slippery floors and stairs. When powder is suspended in the air this product could be flammable/explosive. Refer to NFPA Bulletin 654,

“Prevention of fire and dust explosions in the chemical, dye, pharmaceutical, and plastics industries”, for safe handling procedures.

Section 5 - Health Effects

Routes of entry for solids and liquids include eye and skin contact, ingestion and inhalation. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Overexposure Effects: Based on test data and experience with similar products, it is believed that this is a low hazard material.

Inhalation: Treat as a nuisance dust. **First Aid:** Remove affected person to fresh air if breathing is difficult.

Skin: Contact may cause slight irritation. **First Aid:** Remove contaminated clothing; wash affected area with soap and water; launder contaminated clothing before reuse; if irritation persists, seek medical attention.

Eyes: Contact causes severe irritation and pain associated with redness and swelling and of conjunctiva. **First Aid:** Immediately rinse eyes with running water for 15 minutes. If irritation develops, seek medical attention.

Ingestion: Induce vomiting if large amounts are ingested.

Medical conditions generally aggravated by exposure: Preexisting skin, eye or respiratory disorders may become aggravated through prolonged exposure.

Section 6 - Reactivity Data

Stability Data: Stable at normal conditions

Incompatibility: Avoid contact with Strong oxidizers, strong acids

Condition /Hazards to Avoid: Maintain storage temperature at 50°-90°F. Keep from freezing.

Hazardous Polymerization: Does not occur.

Hazardous Decomposition or Byproducts: Decomposition will not occur if handled and stored properly. In case of fire, oxides of carbon, hydrocarbons, fumes and smoke may be produced.

Section 7 - Personal Protection

Clothing: Gloves, coveralls, apron, and boots as necessary to prevent contact.

Eyes: Chemical goggles: Also wear a face shield if splashing hazard exists.

Respiration: Use NIOSH approved dust respirator with this powder. In molten state vapors or mists are generated, wear a NIOSH /MSHA approved organic vapor respirator.

Ventilation: Open all doors and windows to allow for adequate air flow and circulation.

Section 8 - Spill and Leak / Environmental

Spills should be contained and placed in suitable containers for disposal in a licensed facility; refer to SARA Title III, Section 313, 40 CFR 372 for complete regulations concerning reporting requirements.

Waste Disposal: Incinerate or bury as a solid in a licensed facility. Do not discharge into waterways or sewer systems without proper authority.

Container Disposal: Recommended crushing or other means to prevent unauthorized reuse.

Section 9 - Regulatory Information

RCRA Hazardous Waste Number: N/A

CERCLA: No

HAZARD RATING: Health- 1 Fire- 0 Reactivity- 0 Special: NA

This product is not a physical hazard to health according to the OSHA Hazard Communication Standards.

The information contained herein is to our knowledge true and accurate. All recommendations and suggestions are made without guarantee, since the condition of use are beyond our control.

Section 10 - Disposal Methods

Waste Disposal Method: Dispose of in accordance with Local, State and Federal Regulations. Product is classified as non- hazardous; however, non-hazardous materials may become hazardous waste upon contact with other products. Refer to "40 CFR Protection of Environment Parts 260-299" for complete waste disposal regulations. Consult your local, state or Federal Environmental Protection Agency before disposing of any chemicals.