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## DIAMOND TECH INTERNATIONAL MATERIAL SAFETY DATA SHEET

### SECTION I

PRODUCT: MOSAIC STONE CEMENT  
DATE ISSUED: AUGUST 9, 1998  
CHEMICAL FAMILY: Calcium Sulfate Hemihydrate

PRODUCT NO: 20068

### SECTION II HAZARDOUS INGREDIENTS

MATERIAL:	8	TLV:
Portland Cement	2	10 mg/M3*

\*ACGIH (1981) - 5 mg/M3 respirable

### SECTION III PHYSICAL DATA

SOLUBILITY IN WATER: 0.2%  
SPECIFIC GRAVITY (H<sub>2</sub>O = 1): 2.7  
APPEARANCE AND ODOR: Odorless white powder  
HARDENING TIME: Less than 20 minutes

### SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Not applicable  
EXTINGUISHING MEDIA: Not combustible  
SPECIAL FIRE FIGHTING PROCEDURES: Not combustible  
UNUSUAL FIRE AND EXPLOSION HAZARDS: None

### SECTION V HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: May cause irritation of eyes and skin. May develop sufficient heat to cause burns if a large mass, such as a cast of a hand or arm, is kept in contact with skin while hardening. INHALATION: Dust is considered a nuisance dust.

EMERGENCY AND FIRST AID PROCEDURES:  
EYES: Flush immediately for 15 minutes with water.  
SKIN: Remove from skin by washing. If irritation continues, see physician.  
INGESTION: Gypsum cement hardens when wetted and if ingested may result in obstruction. See Section III for Hardening Time. See physician.

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SECTION VI  
REACTIVITY DATA

STABILITY: Stable  
HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII  
SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:  
Sweep up. Avoid creating excessive dust. Slurry may plug drain.  
WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations.

SECTION VIII  
SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: NIOSH approved nuisance dust respirator if above TLV.  
VENTILATION: General mechanical. Local exhaust if above TLV.  
PROTECTIVE EQUIPMENT: Dust goggles if dust is annoying or safety glasses. Gloves if dust or slurry is irritating.

SECTION IX  
SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Dew point conditions or other conditions causing presence of liquid water during storage will harden gypsum cement.