

# MATERIAL SAFETY DATA SHEET

## VEL-MIX

Die Stone

### 1 - IDENTIFICATION

**Manufacturer:** KerrLab  
**Address:** 1717 West Collins Avenue  
**City, State, Zip:** Orange, CA 92867  
**Telephone:** 1-800-KERR-123  
**24-Hour Emergency:** Chemtrec 1-800-424-9300  
International 1-703-527-3887  
**Date Prepared:** January 19, 2001

### 2 - COMPOSITION INFORMATION

#### Hazardous Ingredients

	CAS #	PEL	TLV	%
Calcium Sulfate	7778-18-9	5mg/m <sup>3</sup>	10mg /m <sup>3</sup>	99
Hemihydrate (Gypsum)		(Respirable fraction)	(Total dust)	

### 3 - PHYSICAL AND CHEMICAL PROPERTIES

**Boiling Point:** N/A  
**Specific Gravity (H<sub>2</sub>O = 1):** N/D  
**Vapor Pressure (mm Hg):** N/A  
**Vapor Density (AIR = 1):** N/A  
**Solubility in Water:** Slightly soluble  
**Reactivity in Water:** N/A  
**Appearance and Odor:** An odorless yellow, white or ivory powder.

### 4 - FIRE AND EXPLOSION HAZARD DATA

**Flash Point (Method Used):** N/A  
**Flammable Limits: LEL:** N/A **UEL:** N/A  
**Extinguishing Media:** Not combustible  
**Special Fire Fighting Procedures:** None  
**Unusual Fire and Explosion Hazards:** None

### 5 - REACTIVITY DATA

**Stability:** Stable  
**Conditions to Avoid:** Contact with acids  
**Incompatibility (Material to Avoid):** Acids  
**Hazardous Decomposition Products:** Above 1450 °C - sulfur dioxide and calcium oxide.  
**Hazardous Polymerization:** Will not occur

### 6 - HEALTH HAZARD DATA

**Routes of Entry:**  
**Skin:** Particles may cause irritation.  
**Eyes:** Particles may cause irritation.  
**Inhalation:** Persons subjected to large amounts of this dust will be forced to leave area because of nuisance conditions: coughing, sneezing and nasal irritation from dust.  
**Ingestion:** If ingested, may result in an obstruction.  
**Carcinogenicity - NTP:** No  
**IARC Monographs:** No **OSHA Regulated Carcinogen:** No

### 7 - EMERGENCY FIRST AID PROCEDURES

**Skin:** Wash skin with soap and water.  
**Eyes:** Flush with water for 15 minutes to remove particles.  
**Inhalation:** Remove to fresh air.  
**Ingestion:** None known

### 8 - PRECAUTIONS FOR SAFE HANDLING & USE

**Steps to be taken in case material is released or spilled:** Sweep or vacuum material from spillage into a waste container for disposal. Avoid dusting conditions.  
**Waste Disposal Method:** This material can be disposed of as inert solid in a landfill or by other procedures with are accepted under federal, state and local regulations.  
**Precautions to be taken in handling and storing:** Store in a cool, dry place with container sealed. Moisture or the presence of liquid water will harden the product during storage. Use according to directions.

### 9 - CONTROL MEASURES

**Respiratory Protection (Specify Type):** When dusty conditions exist, wear an approved dust mask to guard against nuisance particles.  
**VENTILATION:**  
**Local Exhaust:** Provide general ventilation and local exhaust ventilation to meet TLV requirements.  
**Mechanical (General):** Usually sufficient  
**Protective Gloves:** Gloves are usually not necessary, but may be desirable in specific work situations.  
**Eye Protection:** Goggles may be needed to avoid particulate irritation of the eye.  
**Other Protective Clothing or Equipment:** None  
**Work/Hygiene Practices:** Handle in accordance with good personal hygiene and safety practices. These practices include avoiding unnecessary exposure.

### 10 - TRANSPORTATION INFORMATION

Not DOT regulated.

### 11 - SPECIAL INFORMATION

**HMIS (Hazardous Material Identification System) Ratings:**  
H1 F0 R0  
[HMIS Index: 4 - Severe Hazard; 3 - Serious Hazard;  
2 - Moderate Hazard; 1 - Slight Hazard; 0 - Minimum Hazard]

Note: This MSDS was prepared in accordance with the requirements of the OSHA Hazard Communication Standard (29 CFR 1910.1200) and is to be used only for this product. The information in this MSDS is, to the best of our knowledge, believed to be accurate.