

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (As Used on Label and List)
Interlocking Concrete Pavers

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's Name Calstone Company	Emergency Telephone Number 911
Address (Number, Street, City, State, and ZIP Code)	Telephone Number for Information (408) 686-9627
13755 Llagas Avenue	Date Prepared December 3, 2002
San Martin, CA 95046	Signature of Preparer: Claudia Flores

Section II – Product & Component Data

COMPOSITION	CAS NUMBER	% (optional)		
Conc. Sand	Mixture	40-50%		
Crushed Rock	Mixture	40-50%		
Cement	N/A	10-25%		
Admix	Mixture	0-1%		
Iron Oxide	1309-37-1	0-2%		
Exposure Limits: Composition	CAS NUMBER	ACGIH TLV	OSHA PEL	IDLH
* Crystalline Silica(Quartz) 5000 mg/m	14808-60-7	* See Below	* See Below	* See Below
** Cement	65997-15-1	10mg/m3(tot) 5mg/m3(resp.)	15mg/m3(tot) 5mg/m3(resp.)	

* OSHA for crustalline silica in the form of quartz is +mg/m3 + (%S102+2). And 50% of this value for crystobalite and tridymite.

**Portland cements are listed by OSHA in 29 CFR 1010.1000, table Z-1-A and require material safety data sheet (FR, January 19, 1989). MSHA (30 CFR 55.5-1, Ref2), ACGIH (TLV's for 1973, appendix E and ACGIH (TLV's for 1984-85 appendix D) list Portland Cements as nuisance dusts. Portland Cements are Not listed by NTP, IARC, or OSHA as carcinogens. However, since Portland

Cement is mfg. From raw material mined from the earth (limestone, marl, sand, shale, clay, etc.) and process heat is provided by burning fossil fuels, trace, but detectable amounts of naturally occurring and possibly harmful elements may be found during chemical analysis. Under ASTM standards, Portland cement may contain .75% insoluble residue, which a fraction of these residues may be free crystalline silica.

Section III - Physical/Chemical Characteristics

Boiling Point	N/A	Specific Gravity (H₂O = 1)	N/A
Vapor Pressure (mm Hg.)	N/A	Melting Point	N/A
Vapor Density (AIR = 1)	N/A	Evaporation Rate (Butyl Acetate =1)	N/A
Solubility in Water	Not Soluble		
Appearance and Odor	Odorless Solid		

Section IV - Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	LEL	N/A	UEL	N/A
		N/A				
Extinguishing Media	N/A					
Special Fire Fighting Procedures	None					
Unusual Fire and Explosion Hazards	None					

Section V - Reactivity Data

Stability	unstable		Conditions to Avoid
	Stable	X	None
Incompatibility (Materials to Avoid)	None		
Hazardous Decomposition or Byproducts	None		
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	None

Section VI - Health Hazard Data

Route(s) of Entry:	Inhalation? YES	Skin? NO	Ingestion? YES
Health Hazards (Acute and Chronic) Sawing or grinding may result in release of dust particles which may be inhaled.			
Acute: Cause minor irritation of the eye or nose. Chronic: Result in lung disease (Silicosis) if exposed to excessive amounts for prolonged periods.			
Carcinogenicity:	NTP? NO	IARC Monographs?	OSHA Regulated? NO

		NO	
Signs and Symptoms of Exposure Irritation of eyes and nose or shortness of breath.			
Medical Conditions Generally Aggravated by Exposure: Pre-existing lung disease such as Emphysema or Asthma.			
Emergency & First Aid Procedure Flush eyes generously with water for 15 min., If irritation persists, contact a physician.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled Use adequate ventilation, dustless vacuum and clean up materials, so as not to exceed the PEL.	
Waste Disposal Method Storing Dispose of as common/proper waste container	Precautions to Be taken in Handling and Storing None
Other Precautions Wear NIOSH approved respirator and tight fitting goggles when sawing or grinding.	
Transportation: DOT Hazard Classification: Not Required UN/NA CODE: None Label Required: None	

Section VIII - Control Measures

Respiratory Protection (Specify Type) NIOSH approved Particulate Respirator			
Ventilation	Local Exhaust	Special	N/A
	Mechanical (General) In confined area	Other	N/A
Protective Gloves	When Required	Eye Protection	Tight fitting goggles
Other Protective Clothing or Equipment	None	Work/Hygienic Practices	N/A