

# 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)

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 <u>Sardinia Concrete Company</u>	Emergency Telephone Number
Address (Number, Street, City, State, and ZIP Code) <u>911 U.S. 50 Milford, Ohio 45150</u>	Telephone Number for Information <u>(513) 248-0090</u>
	Date Prepared <u>May 11, 1989</u>
	Signature of Preparer (optional)

## Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
<u>Various mixtures of Portland or cement concrete agg. &amp; chemical admixtures</u>				
<u>3 CaO-SiO<sub>2</sub> (CAS #121168-85-3)</u>				
<u>2 CaO-SiO<sub>2</sub> (CAS #10034-77-2)</u>				
<u>3 CaO-A 1202 (CAS #23043-78-3)</u>				
<u>4 CaO-A 1203-Fe<sub>2</sub>O<sub>3</sub> (CAS #12068-35-8)</u>				
<u>CaSO<sub>4</sub>-2H<sub>2</sub>O (CAS #7778-18-9)</u>				
<u>Plus traces of CaO, MgO, K<sub>2</sub>SO<sub>4</sub>, Na<sub>2</sub>SO<sub>4</sub></u>				
<u>Other ingredients: Inert gravel, sand, rocks, flyash, and granulated slag. May also include very small amounts of organic and inorganic materials which have had no hazardous effect in the use of this product. All other ingredients are less than 1%.</u>				

## Section III — Physical/Chemical Characteristics

Boiling Point <u>N/A</u>	Specific Gravity (H <sub>2</sub> O = 1) <u>.01 - 1</u>
Vapor Pressure (mm Hg.) <u>N/A</u>	Melting Point <u>N/A</u>
Vapor Density (AIR = 1) <u>N/A</u>	Evaporation Rate (Butyl Acetate = 1) <u>N/A</u>
Solubility in Water <u>N/A</u>	
Appearance and Odor <u>Gray, plastic, flowable, granular mud and odorless.</u>	

## Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used) <u>N/A</u>	Flammable Limits <u>N/A</u>	LEL	UEL
Extinguishing Media <u>N/A</u>			
Special Fire Fighting Procedures <u>None</u>			

Unusual Fire and Explosion Hazards

None

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	Be aware mixture stiffens & hardens in 2-8 hours & becomes nonhazardous.
Incompatibility (Materials to Avoid) N/A			
Hazardous Decomposition or Byproducts			

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	N/A

**Section VI — Health Hazard Data**

Route(s) of Entry: Inhalation? Skin? Yes Ingestion?

Health Hazards (Acute and Chronic)

Carcinogenicity: NTP? No IARC Monographs? No OSHA Regulated?

Signs and Symptoms of Exposure Irritation of the skin and burning sensation particularly when the exposed area of skin was previously subjected to abrasion or irritation.

Medical Conditions Generally Aggravated by Exposure Hypersensitive individuals may develop an allergic dermatitis. Cement may contain trace amt. of Chromium (a suspected carcinogen)

Emergency and First Aid Procedures Irrigate eyes with heavy stream of water for at least 15 to 20 minutes.

Wash exposed areas of the body with soap and water.

**Section VII — Precautions for Safe Handling and Use**

Steps to Be Taken in Case Material Is Released or Spilled  
Contain spill until mixture hardens.

Waste Disposal Method  
Material can be retained until it hardens, then it can be disposed of as a common waste.

Precautions to Be Taken in Handling and Storing

Other Precautions

**Section VIII — Control Measures**

Respiratory Protection (Specify Type)  
None

Ventilation N/A	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves Should be worn to protect skin. Eye Protection If mixture has potential to splash, goggles should be worn.

Other Protective Clothing or Equipment Barrier creams, boots, clothing to protect skin.

Work/Hygienic Practices  
Wash any exposed area of the body with soap and water.