

**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)  
ROCKITE CEMENT

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 HARTLINE PRODUCTS CO., INC.	Emergency Telephone Number (216) 291-2303
Address (Number, Street, City, State, and ZIP Code) 4568 MAYFIELD ROAD, SUITE 202  CLEVELAND, OHIO 44121	Telephone Number for Information (216) 291-2303
	Date Prepared 11/11/09
	Signature of Preparer (optional)

**Section II — Hazardous Ingredients/Identity Information**

Hazardous Components (Specific Chemical Identity; Common Name(s))	OSHA PEL	ACGIH TLV	CAS NO.
Gypsum (calcium sulfate) % WT: 98	15 mg/m <sup>3</sup> Total Dust 5 mg/m <sup>3</sup> Respirable Dust	10 mg/m <sup>3</sup> Total Dust	7778-18-9
Portland Cement %WT: 2	10 mg/m <sup>3</sup> Total Dust 5 mg/m <sup>3</sup> Respirable Dust	10 mg/m <sup>3</sup> Total Dust	65997-15-

**Section III — Physical/Chemical Characteristics**

Boiling Point	NA	Specific Gravity (H <sub>2</sub> O = 1)	2.7
Vapor Pressure (mm Hg.)	NA	Melting Point (decomposes)	1450°C
Vapor Density (AIR = 1)	NA	Evaporation Rate (Butyl Acetate = 1)	NA
Solubility in Water	0.2%	Hardening Time:	12-15 Minutes

Appearance and Odor  
White, Off-White, Gray or pigmented powder. - Low odor.

**Section IV — Fire and Explosion Hazard Data**

Flash Point (Method Used)	None	Flammable Limits	LEL NA	UEL NA
Extinguishing Media	Not Combustible			
Special Fire Fighting Procedures	None			
Unusual Fire and Explosion Hazards	None			

**Section V — Reactivity Data**

Stability	Unstable		Conditions to Avoid
	Stable	X	

Incompatibility (Materials to Avoid)

Hazardous Decomposition or Byproducts Above 1450°C - SO<sub>2</sub> and CaO

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

**Section VI — Health Hazard Data**

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

Health Hazards (Acute and Chronic) Acute: Eyes - May cause irritation. Skin - May develop sufficient heat to cause burns if a large mass, such as a cast of an arm or leg, is kept in contact with skin while hardening. Inhalation: Dust is considered a nuisance dust. Chronic: None

Carcinogenicity: NTP? Not carcinogenic. IARC Monographs? OSHA Regulated?

Signs and Symptoms of Exposure

Medical Conditions Generally Aggravated by Exposure EYES: Flood eyes for 15 minutes with water. SKIN: Remove from skin by washing. If irritation continues, see physician. Gypsum cement hardens when wetted and if ingested, may result in obstruction. See physician.

Emergency and First Aid Procedures

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

Steps to Be Taken in Case Material Is Released or Spilled Sweep up. Avoid creating excessive dust. Slurry may plug drains.

Waste Disposal Method In accordance with local, state and federal regulations.

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.

Other Precautions

**Section VIII — Control Measures**

Respiratory Protection (Specify Type) NIOSH approved nuisance dust respirator if above TLV.

Ventilation	Local Exhaust	If above, TLV	Special
	Mechanical (General)		Other

Protective Gloves If dust or slurry is irritating.

Eye Protection Dust goggles or safety glasses if dust is annoying.

Other Protective Clothing or Equipment None

Work/Hygienic Practices