


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

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IDENTITY (As Used on Label and TDS)
FRESHLY MIXED UNHARDENED CONCRETE

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 W.F. SAUNDERS AND SONS, INC.	Emergency Telephone Number 315-469-3217
Address (Number, Street, City, State, and ZIP Code) P.O. DRAWER "A"	Telephone Number for Information 315-469-3217
NEDROW, NEW YORK	Date Prepared JULY 13, 1988
13120	Signature of Preparer (optional)

Section II — Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity; Common Name(s)) OSHA PEL_{n/a} ACGIH TLV_{n/a} Other Limits Recommended NONE_{n/a} (optional)

IDENTITY INFORMATION: FORMULA--MIXTURES OF PORTLAND OR BLENDED CEMENTS, CONCRETE AGGREGATES AND CHEMICAL ADMIXTURES.

PORTLAND AND BLENDED CEMENTS:

3CaO.Sio 2	(CAS #12168-85-3)
2Cao.Sio 2	(CAS #10034-77-2)
3Cao.Al 2 o 3	(CAS #23042-78-3)
4Cao.Al 2 0 3 .FE 2 o 3	(CAS #12068-35-8)
CaSO4.2H2O	(CAS #7778-18-9)

PLUS TRACES OF CaO, MgO, K2SO4, AND Na2SO4.

OTHER INGREDIENTS: CONCRETE AGGREGATES, INERT GRAVEL, SAND AND ROCKS. ADMIXTURES, MAY INCLUDE FLY ASH, GRANULATED SLAG AND VERY SMALL AMOUNTS OF ORGANIC AND INORGANIC MATERIALS WHICH HAVE NO EFFECT ON THE HAZARDS

Section III — Physical/Chemical Characteristics ASSOCIATED WITH THE USE OF THE PRODUCT.

Boiling Point	n/a	Specific Gravity (H ₂ O = 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 **SLIGHT (0.01 to 1%)**

Appearance and Odor **GRAY, PLASTIC, FLOWABLE, GRANULAR MUD AND ODORLESS.**

Section IV — Fire and Explosion Hazard Data

Flash Point (Method Used)	n/a	Flammable Limits	n/a	LEL	n/a	UEL	n/a
Extinguishing Media	n/a						
Special Fire Fighting Procedures	n/a						

Unusual Fire and Explosion Hazards **NONE**

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	(PRODUCT STIFFENS/HARDENS IN 2-8 HRS., AND IS NO LONGER HAZARDOUS)
Incompatibility (Materials to Avoid)		INCOMPATABILITY=NONE	

Hazardous Decomposition or Byproducts
NONE

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI — Health Hazard Data

Route(s) of Entry: Inhalation? NO Skin? YES Ingestion? NO

Health Hazards (Acute and Chronic)
ACUTE: WET, PLASTIC, UNHARDENED CEMENT CAN DRY THE SKIN AND CAUSE ALKALI BURNS (CEMENT DERMATITIS) CHRONIC: HYPERSENSITIVE INDIVIDUALS MAY DEVELOP AN

ALLERGIC DERMATITIS. CEMENT MAY CONTAIN TRACE AMOUNTS OF CHROMIUM.

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

Signs and Symptoms of Exposure

IRRITATION OF SKIN AND BURNING SENSATION PARTICULARLY WHEN EXPOSURE IS IN AN AREA OF SKIN PREVIOUSLY SUBJECTED TO ABRASION OR IRRITATION.

Medical Conditions

Generally Aggravated by Exposure NONE KNOWN

Emergency and First Aid Procedures

IRRIGATE EYES WITH WATER. 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
SPILL DOES NOT INCREASE HAZARD.

Waste Disposal Method

MATERIAL CAN BE RETAINED UNTIL IT HARDENS WHEN IT CAN BE DISPOSED OF AS COMMON WASTE.

Precautions to Be Taken in Handling and Storing

USE BARRIER CREAMS, GLOVES, BOOTS, AND CLOTHING TO PROTECT THE SKIN FROM PROLONGED CONTACT WITH PLASTIC CONCRETE. PARTICULARLY AVOID ABRASION OF THE

Other Precautions

SKIN IN CONTACT WITH UNHARDENED PLASTIC CONCRETE. PRECAUTIONS MUST BE OBSERVED BECAUSE CEMENT BURNS OCCUR WITH LITTLE WARNING--LITTLE HEAT IS SENSED. (EYE

Section VIII — Control Measures

PROTECTION NOT GENERALLY REQUIRED EXCEPT WHEN PLACING METHODS CAUSE SPLASH WHEN TIGHTFITTING GOGGLES SHOULD BE USED)

Respiratory Protection (Specify Type) (NOT REQUIRED)	METHODS CAUSE SPLASH WHEN TIGHTFITTING GOGGLES SHOULD BE USED)	
Ventilation n/a	Local Exhaust	Special
	Mechanical (General)	Other

Protective Gloves SEE VII Eye Protection SEE VII

Other Protective Clothing or Equipment SEE VII

Work/Hygienic Practices SEE VII

NOTICE: INFORMATION CONTAINED HEREIN IS GENERIC AND HAS BEEN COMPILED FOR ASSISTANCE IN DEVELOPMENT OF ACTUAL MATERIAL S.D. SHEETS.