

JUN 07 1997

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)
 Ready - Mixed 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 LYCON Inc.	Emergency Telephone Number (608) 754 - 7701
Address (Number, Street, City, State, and ZIP Code) 1110 Harding Street	Telephone Number for Information (608) 754- 7701
Janesville, WI 53545	Date Prepared October 20, 1988
	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)
Formula - Mixtures of portland or blended cements, concrete aggregates, gravel, sand or crushed stone, chemical admixtures, and water. Also may include fly ash, granulated slag & very small amounts of organic or inorganic materials which are less than 1% and have no effect on the hazards associated with the use of the product.				
Portland Cement CAS # 65 997 15 1		TLV	5 mg/m ³	
Natural Sand CAS # 14 808 60 7		TLV	See Below	
Crushed Stone CAS # 1317 65 3		TLV	See Below	
Sand and crushed stone dust may contain respirable silica particles				
If dust < 1% Quartz, Total dust (ACGIH & MSHA) 10 mg/m ³ , (OSHA) 15 mg/m ³				
If dust > 1% Quartz, Total dust (ACGIH & MSHA) 30 (% Quartz + 3)				
Total dust (OSHA) 30 (%Quartz + 2), Respirable dust (ACGIH, MSHA, OSHA) 10 (% Quartz + 2)				

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	Negligible		
Appearance and Odor	Gray, plastic, flowable, granular mud. 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 Non-combustible			

Unusual Fire and Explosion Hazards
 None

Section V — Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	However, product stiffens & hardens in 2 to 8 hours and is no longer hazardous
Incompatibility (Materials to Avoid)			
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?	Skin?	Ingestion?
	No	Yes	No

Health Hazards (Acute and Chronic)
 Acute - Wet, plastic, unhardened concrete can dry the skin and cause alkali burns (Cement Dermatitis).
 Chronic - Hypersensitive persons may develop allergic dermatitis.

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

Signs and Symptoms of Exposure
 Irritation of skin & 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 & water. Get medical attention.

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 and then discarded in a landfill or by other procedures acceptable under Federal, State, or Local regulations.

Precautions to Be Taken in Handling and Storing Use barrier creams, gloves, boots & clothing to protect the skin from prolonged contact with plastic concrete. Particularly avoid abrasion of the skin in contact with unhardened plastic concrete.

Other Precautions
 Cement burns occur with little warning - Little heat is sensed. Eye protection not generally required except when placing methods cause splash in which case goggles should be used.

Section VIII — Control Measures

Respiratory Protection (Specify Type)	
Wet - Not required	Dry - Use NIOSH/MSHA approved dust respirator.
Local Exhaust	Special
N.A.	N.A.
Mechanical (General)	Other
N.A.	N.A.

Protective Gloves: See VII
 Eye Protection: See VII

Other Protective Clothing or Equipment: See VII

Hygienic Practices: See VII