

COOPER CONCRETE Co.

Quality and Service since 1947

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MATERIAL SAFETY DATA SHEET

SECTION 1 - IDENTITY

NAME	ADDRESS	
Cooper Concrete Co.	1100 N. Fifth St. Garland, Texas 75040	
EMERGENCY TELEPHONE NUMBER	PERSON RESPONSIBLE	DATE PREPARED
(972)276-1167	Manager	November, 1985 Rev. April, 1991
COMMON NAME	FORMULA	
Ready Mix Concrete	Mixture of Portland Cement, aggregate, water. Other agents may be used to control setting properties.	
CHEMICAL NAME	CHEMICAL FAMILY	
Does not apply	Does not apply	
TRADE NAME & SYNONYMS	Ready mix, concrete mix, concrete, wet concrete	

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS COMPONENT	CAS #	%(TYPICAL)	TLV(UNITS)	PEL(UNITS)
Aggregate/sand:				
Quartz	14808-60-7	*	See below	See below
Cristobalite	14464-46-1	*	See below	See below
Portland Cement	65997-15-1	*	10 mg/m ³	15 mg/m ³

* Varies depending on product

TLV(quartz) = (10 mg/m³) / (% respirable quartz + 2) = PEL(quartz)
TLV(cristobalite) = one-half of TLV for quartz = PEL(cristobalite)
TLV: Threshold Limit Value established by the American Conference of Governmental Industrial Hygienists, 1985-86.

SECTION 3 - PHYSICAL DATA

BOILING POINT	SPECIFIC GRAVITY	VAPOR PRESSURE
Does not apply	Approximately 2.4	Does not apply
% VOLATILE BY VOLUME	VAPOR DENSITY	EVAPORATION RATE
Essentially 0	Does not apply	Does not apply
SOLUBILITY IN WATER	REACTIVITY IN WATER	
Slight (0.1 - 1.0%)	Will not evolve flammable or toxic gases	
APPEARANCE AND ODOR	Gray, mud-like, viscous substance. No odor.	

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT	FLAMMABLE LIMITS IN AIR
Will not ignite	Does not apply

EXTINGUISHING MEDIA, SPECIAL FIRE FIGHTING PROCEDURES, UNUSUAL FIRE AND EXPLOSION HAZARDS, AUTO IGNITION TEMPERATURE
Does not apply

SECTION 5 - HEALTH INFORMATION

SIGNS AND SYMPTOMS OF EXPOSURE

- (1) ACUTE OVEREXPOSURE - Contact with the skin or eyes may result in irritation and/or alkali burns.
- (2) CHRONIC OVEREXPOSURE - None determined.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Dermatitis or other skin disorders may be aggravated by exposure.

CHEMICAL OR COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

None

OTHER EXPOSURE LIMITS

None

EMERGENCY AND FIRST AID PROCEDURES

EYE CONTACT: Immediately flush eyes with large quantities of water for at least 15 minutes. Consult a physician.

SKIN CONTACT: Immediately wash skin thoroughly with soap and water.

SECTION 6 - REACTIVITY DATA

STABILITY	CONDITIONS TO AVOID
Stable	Does not apply

INCOMPATIBILITY (MATERIALS TO AVOID)

Material is highly alkaline. Contact with strong acids may produce a violent, exothermic reaction and may evolve toxic gases or vapors, depending upon the acid involved.

HAZARDOUS DECOMPOSITION PRODUCTS

Does not apply

HAZARDOUS POLYMERIZATION

Does not occur

CONDITIONS TO AVOID

Does not apply

SECTION 7 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

Clean-up of spills may require personal protective equipment to prevent dust exposures and protect against alkali burns or irritation. See Section 8.

WASTE DISPOSAL METHOD

If this material, as provided by the manufacturer, becomes a waste, it does not meet the criteria of a hazardous waste as defined by the Environmental Protection Agency under the authority of the Resource Conservation and Recovery Act (40 CFR 261). Dispose of in accordance with federal, state, and local regulations.

SECTION 8 - PERSONAL PROTECTION INFORMATION

RESPIRATORY PROTECTION

Not necessary under conditions of normal use.

VENTILATION

Not necessary under conditions of normal use.

PROTECTIVE GLOVES

Rubber, PVC, Neoprene, or other impervious material.

EYE PROTECTION

Goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Rubber high top boots, arm sleeves and apron, when necessary to prevent skin contact.

SECTION 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Should be handled in a manner to prevent contact with strong acids.

OTHER PRECAUTIONS

None determined.

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications which are not included within this document.