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.*
READY MIXED PLASTIC CONCRETE	

Section I

Manufacturer's Name ***VCNA UNITED MATERIALS***	Emergency Telephone Number ***(716) 213-5832***
Address (Number, Street, City, State and ZIP code) **3374 Walden Avenue** Suite 120 Depew, NY 14043	Telephone Number for Information ***(716) 213-5832*** Date Prepared ***May 2, 2022***
	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*)
IDENTITY INFORMATION:				
FORMULA – MIXTURES OF PORTLAND OR POZZOLAN CEMENTS, CONCRETE AGGREGATE AND CHEMICAL ADMIXTURES				
PORTLAND CEMENTS:				11 - 17
3Ca0 - Si02 (CAS # 12168-85-3)				
2Ca0 – Si02 (CAS # 10034-77-2)				
3Ca0 – Al2O3 (CAS # 23042-78-3)				
4Ca0 – Al2O3 – Fe2O3 (CAS # 12068-35-8)				
CaS04 – 2H20 (CAS # 7778 – 18 – 9)				
Plus traces of CaO, MgO, K2SO4, and Na2SO4				
CONCRETE AGGREGATES: INERT GRAVEL, SAND AND ROCK				75 – 81
CONCRETE ADMIXTURES: ORGANIC AND INORGANIC MATERIALS WHICH HAVE NO EFFECT ON THE HAZARDS ASSOCIATED WITH THE USE OF THIS PRODUCT				0.05 – 0.15

Section III – Physical/Chemical Characteristics

Boiling Point	***N/A***	Specific Gravity (H20 = 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)	Flammable Limits	LEL	UEL
N/A	***N/A***	***N/A***	***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***	***HOWEVER, PRODUCT STIFFENS AND HARDENS WITHIN 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?	***NO***	Skin?	***YES***	Ingestion?	***NO***

Health Hazards *(Acute and Chronic)*

ACUTE – WET, PLASTIC, UNHARDENED CONCRETE 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 AND THEN 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 SKIN IN CONTACT WITH UNHARDENED, PLASTIC CONCRETE. PRECAUTIONS MUST BE OBSERVED BECAUSE CEMENT BURNS OCCUR WITH LITTLE WARNING – LITTLE HEAT IS SENSED. EYE PROTECTION IS NOT GENERALLY REQUIRED EXCEPT WHEN PLACING METHODS CAUSE SPLASH, THEN TIGHT-FITTING GOGGLES SHOULD BE USED.

Other Precautions: ***NONE***

Section VIII – Control Measures

Respiratory Protection (Specify Type)

NOT REQUIRED

Ventilation	Local Exhaust	Special
N/A	Mechanical (General)	Other
Protective Gloves		Other Protection
SEE SECTION VII		***SEE SECTION VII***

Other Protective Clothing or Equipment

SEE SECTION VII

Work/Hygienic Practices

SEE SECTION VII