

WALTER W. ZEIGLER'S SONS, INC.

CONCRETE

830 LOUCKS MILL ROAD – YORK, PA 17402-1941 – (717) 848-1464 – FAX (717) 843-3582

MATERIALS SAFETY DATA SHEET

Effective January 1, 1999

Updated January 1, 2011

SECTION I. – IDENTIFICATION

IDENTITY: Ready Mix Concrete
MANUFACTURER'S NAME: Walter W. Zeigler's Sons, Inc.
ADDRESS: 830 Loucks Mill Road
York, PA 17402-1941

EMERGENCY PHONE NUMBER: 911
TELEPHONE NUMBER FOR INFORMATION: 717-848-1464

SECTION II. - HAZARDOUS INGREDIENTS / IDENTIFICATION INFORMATION

HAZARDOUS COMPONENTS (CHEMICAL IDENTIFICATION)	OSHA	ACGIH TLV	% (Opt.)
PORTLAND CEMENT	N/A	9-19	
3 CaO – SiO ₂	12168-85-3		
2 CaO – SiO ₂	10034-77-2		
3 CaO – Al ₂ O ₃	23042-78-3		
4 CaO – Al ₂ O ₃ Fe ₂ O ₃	12068-35-8		
CaSO ₄ ·2H ₂ O	7778-18-9		

PLUS TRACES OF CaO, MgO, K₂SO₄, AND Na₂SO₄

SECTION III. – PHYSICAL / CHEMICAL CHARACTERISTICS

BOILING POINT:	N/A	SPECIFIC GRAVITY:	N/A
VAPOR PRESSURE(mm Hg):	N/A	MELTING POINT:	N/A
VAPOR DENSITY (AIR-1):	N/A	EVAPORATION RATE:	N/A
SOLUBILITY IN WATER:	.01 – 1% (Slight)		
APPEARANCE AND ODOR:	Gray, plastic, flowable, granular mud		

SECTION IV. – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT:	N/A
EXTINGUISHING MEANS:	N/A
SPECIAL FIRE FIGHTING PROCEDURES:	N/A
UNUSUAL FIRE/EXPLOSION HAZARDS:	N/A

SECTION V. – REACTIVITY DATA

STABILITY:	Stable X Unstable	CONDITIONS TO AVOID:	N/A
INCOMPATIBILITY (Materials to Avoid):	Acids		
HAZARDOUS DECOMPOSITION OR BYPRODUCTS:		N/A	
HAZARDOUS:	May occur	CONDITIONS TO AVOID:	N/A
POLYMERIZATION:	Will not occur X		

SECTION VI. – HEALTH HAZARD DATA

ROUTES OF ENTRY: INHALATION? SKIN? INGESTION?

HEALTH HAZARDS (Acute and Chronic):

Skin: Wash exposed areas thoroughly with soap and water.

Eyes: Wash thoroughly with warm water for 15 minutes.

CARCINOGENICITY: NTP? IARC MONOGRAPHS? OASH REGULATED?

Product not considered a carcinogenic according to NTP, IARC Monographs.

SIGNS AND SYMPTOMS OF EXPOSURE:

Ready-Mix concrete in the plastic state is a mild corrosive therefore, will cause skin irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

N/A

EMERGENCY AND FIRST AID PROCEDURE:

Immediately flush with copious amounts of water any ready mix concrete that comes in contact with the skin.

SECTION VII. – PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Spills does not increase hazard. Normal clean-up.

WASTE DISPOSAL METHOD:

Dispose of as common waste after cement has hardened.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:

Freshly mixed concrete, grout, or mortar may cause skin injury. Avoid contact with skin and was areas promptly.

OTHER PRECAUTIONS:

None

SECTION VIII. – CONTROL MEASURES

RESPIRATORY PROTECTION (SPECIFY TYPE):

None needed.

VENTILATION: LOCAL EXHAUST: None needed

SPECIAL: None

MECHANICAL (General): None

OTHER: None

PROTECTIVE GLOVES: Required

EYE PROTECTION: Required

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Long pants and boots

WORK/HYGENIC PRACTICES: N/A