



2604 Haarman Street – Effingham, IL 62401 – Office (217) 342-2299 – Fax: (217) 342-2326

MATERIAL SAFETY DATA SHEET

IDENTITY: Ready Mixed Concrete

MANUFACTURER'S NAME: Concrete Contractors, Inc., 2604 Haarman Street, Effingham, IL 64201.
DBA: CCI Redi-Mix Effingham, CCI Redi-Mix Mattoon, CCI Redi-Mix Marshall, CCI Redi-Mix Newton, CCI Redi-Mix Tolono, CCI Redi-Mix Pana, CCI Redi-Mix Taylorville, CCI Redi-Mix Shelbyville

EMERGENCY PHONE: 217-342-2299

HAZARDOUS INGREDIENTS: Aqueous mixture of calcium silicates, Aluminates and Ferrites, Portland and Blended Cements:
3CaO.S10 (CAS 12168-85-3)
2CaO.S10 (CAS 10034-77-2)
3CaO.A1:O (CAS 23042-78-3)
4CaO.A1.FE:O (CAS 12068-35-8)
CaSO₄.2H₂ (CAS 7778-18-9), plus traces of CaO, MgO, K₂SO₄ & Na₂SO₄

OTHER INGREDIENTS: concrete aggregates, inert gravel, sand and rock.

ADMIXTURES: May include Fly Ash, Granulated Slag and very small amounts of organic and inorganic materials which have no effect on the hazards associated with use of product.

PHYSICAL/CHEMICAL CHARACTERISTICS:

Boiling Point: N/A	Vapor Pressure: N/A	Vapor Density: N/A
Melting Point: N/A	Evaporation Rate: N/A	Specific Gravity: 2.3
Fire/Explosion Data: N/A	Reactivity Data: Stable	Solubility: Slight (0.01 to 1%)
Appearance & Odor: Gray, plastic, flowable, granular mud – odorless		
Hazardous Polymerization: None		

ROUTES OF ENTRY: INHALATION: N/A. SKIN: Yes. INGESTION: N/A

ACUTE HEALTH HAZARDS: Contact Dermatitis and/or severe burns possible with prolonged or repeated contact with unprotected skin when product is in the unhardened state.

CHRONIC HEALTH HAZARDS: Hypersensitive individuals may develop an allergic dermatitis with repeated contact with product in the unhardened state.

CARCINOGENICITY: NONE.

SIGNS/SYMPTOMS OF OVEREXPOSURE: Irritation and/or burning of skin or eyes.

PRECAUTIONS FOR SAFE HANDLING & USE: Use proper tools and equipment. Rubber boots, rubber gloves, protective clothing covering arms and legs should be worn. Persons with sensitive skin should take extra protective precautions.

Concrete Contractors, Inc. DBA CCI Redi-Mix, Inc.

REV. 1, 10-5-20



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EMERGENCY AND FIRST AID PROCEDURES:

CONTACT WITH EYES: Immediately flush eyes with copious amounts of water and consult a physician.

CONTACT WITH SKIN: Thoroughly wash affected area with soap and water. A physician should be consulted for severe burns or persistent irritation.

FIRE & EXPLOSION HAZARD DATA:

Flashpoint: N/A Flammable Limits: N/A LEL: N/A UEL: N/A

Extinguishing Media: N/A

Special Fire Fighting Procedures: Non-Combustible

RESPIRATORY: When handling concrete in dry conditions, use of a NIOSH respirator is recommended.

WARNING: INJURIES TO EYES: CAUSES SKIN IRRITATION: READ THIS WARNING BEFORE USING: CONTAINS PORTLAND CEMENT:

Contact with wet, unhardened concrete, mortar, cement or cement mixtures can cause skin irritation, severe chemical burns or serious eye damage. Avoid contact with eyes and skin. Wear waterproof gloves, a fully buttoned, long-sleeve shirt, full length trousers and tight-fitting eye protection when working with these materials. If you have to stand in wet concrete, use waterproof boots that are tight at the top and high enough to keep concrete from flowing into them. If you are finishing concrete, wear kneepads to protect knees. Wash wet concrete, mortar, cement or cement mixtures from your skin with fresh, clean water immediately after contact. Indirect contact through clothing can be as serious as direct contact, so promptly rinse wet concrete, mortar, cement or cement mixtures from clothing. Seek immediate medical attention if you have persistent or server discomfort. In case of eye contact, flush with plenty of water for at least 15 minutes. Consult a physician immediately. **KEEP OUT OF REACH OF CHILDREN. USER AGREES TO CONVEY THIS WARNING TO ALL PERSONS WHOM M USE OR COME INTO CONTACT WITH WET (UNHARDENED) CONCRETE, MORTAR AND CEMENT OR CEMENT MIXTURES.**

CRYSTALLINE SILICA CARCINOGENIC POTENTIAL: Concrete frequently contains crystalline silica in concentrations greater than 0.1 percent, principally contributed by the aggregates. Respirable crystalline silica is classified by the International Agency for Research on Cancer as a known human carcinogen and by the National Toxicology Program as “reasonably anticipated to be a carcinogen.” Crystalline silica in wet concrete is not respirable and does not pose a hazard when the concrete is in its plastic or unhardened state. Once concrete has hardened, airborne dust generated by grinding, sawing, drilling, breaking, etc., can lead to potentially hazardous exposures to workers and appropriate respiratory protection precautions should be taken.