



MATERIAL SAFETY DATA SHEET

READY MIX CONCRETE

MSDS DATE: 05/27/2008

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: FRESHLY MIXED UNHARDENED CONCRETE

INFO PHONE: 910-592-0180

MANUFACTURER: S&W Ready Mix Concrete Company

EMERGENCY PHONE: 910-214-9721

ADDRESS: PO Box 872, Clinton, NC 28329

CHEMTREC PHONE: 800-424-9300

FAX PHONE: 910-592-9461

SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>OSHA PEL</u>
SILICA, CRYSTALLINE – QUARTZ	14808-60-7	10 mg/m ³

SECTION 3: HAZARDS IDENTIFICATION

ROUTES OF ENTRY: Inhalation, absorption, injection

POTENTIAL HEALTH EFFECTS

EYES: Irritation

INGESTION: N/A

SKIN: Drying out, alkali burns, dermatitis

INHALATION: Irritation, silicosis

ACUTE HEALTH HAZARDS: Fresh concrete can dry skin and cause alkali burns (cement dermatitis) – hardened concrete dust may irritate the respiratory system. Cement may contain trace amounts of chromium which may cause contact dermatitis.

CHRONIC HEALTH HAZARDS: Hypersensitive individuals may develop an allergic dermatitis. Excessive exposure to concrete dust over long periods of time may cause lung disease (silicosis).

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Allergies to components of fresh concrete may be aggravated. Exposure to dust from disrupted hardened concrete may aggravate respiratory diseases and skin and eye conditions.

CARCINOGENICITY

OSHA: YES

ACGIH: NO

NTP: NO

IARC: NO

SECTION 3 NOTES: SILICA HAS BEEN LISTED BY OSHA AS A POTENTIAL CARCINOGEN

SECTION 4: FIRST AID MEASURES

EYES: FLOOD IMMEDIATELY & REPEATEDLY WITH WATER FOR AT LEAST 15 MINUTES

SKIN: WASH EXPOSED AREAS OF SKIN WITH SOAP AND WATER

INHALATION: MOVE TO FRESH AIR. SEEK MEDICAL ATTENTION FOR DISCOMFORT

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR (LEL & UEL): N/A

EXTINGUISHING MEDIA: N/A

FLASH POINT: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: NORMAL CLEANING, FLUSH AWAY WITH WATER OR BREAK-UP INTO MANAGEABLE SIZED UNITS

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: DURING MIXING / PLACING / FINISHING OF CONCRETE, PROLONGED EXPOSURE OF SKIN TO WET CONCRETE SHOULD BE AVOIDED

OTHER PRECAUTIONS: VENT / RESP PROTECTION SHOULD BE USED WHEN REMOVING / MODIFYING HARDENED CONCRETE

