

## **QUICK-SETTING CEMENT, 1240**

### **MSDS Number**

BXGJB

### **National Stock Number**

5610-00N058946

### **Product Name**

QUICK-SETTING CEMENT, 1240

### **Manufacturer**

THE QUIKRETE COMPANIES

### **Product Identification**

Product ID:QUICK-SETTING CEMENT, 1240

MSDS Date:01/01/1988

FSC:5610

NIIN:00N058946

MSDS Number: BXGJB

### **Responsible Party**

THE QUIKRETE COMPANIES

1790 CENTURY CIRCLE

ATLANTA , GA 30345

US

Emergency Phone: 404-634-9100

Info Phone: 404-634-9100

Cage: 7K266

### **Contractor**

THE QUIKRETE COMPANIES

ATLANTA, GA 30345

US

404-634-9100

Cage: 7K266

### **Ingredients**

TRICALCIUM SILICATE

CAS: 12168-85-3

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

DICALCIUM SILICATE

CAS: 10034-77-2

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

SILICA, CRYSTALLINE - QUARTZ

CAS: 14808-60-7

RTECS: VV7330000

OSHA PELSEE TABLE Z-3

ACGIH TLV: 0.1 MG/M3 RDUST;9495

TRICALCIUM ALUMINATE

CAS: 12042-78-3

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

TETRACALCIUM ALUMINOFERRATE

CAS: 12068-35-8

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

UNIDENTIFIED COMPONENT (MFR INVALID CAS # 1010-4-9)

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

GYP SUM

CAS: 13397-24-5

RTECS: MG2360000

OSHA PEL5 MG/M3 (MFR)

ACGIH TLV: 5 MG/M3 (MFR)

SHIPPED, CNTNS NO PARTICLES IN RESPIRABLE SIZE

RTECS: 9999999ZZ

THE SAND PARTICLES MAY BE BROKEN DOWN TO THE RESP

RTECS: 9999999ZZ

THE RESPIRATORY SYSTEM BECAUSE OF THE PRESENCE OF

RTECS: 9999999ZZ

## Hazards

LD50 LC50 Mixture:NONE SPECIFIED BY MANUFACTURER.

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO

Health Hazards Acute and Chronic:ACUTE:CAN DRY SKIN & CAUSE ALKALI BURNS. DUST CAN IRRITATE EYES & UPPER RESP SYSTEM. TOX EFT NOTED IN ANIMALS INCLUDE, FOR ACUTE EXPOS, ALVEOLAR DMG W/PULM EDEMA. IN CHRONIC EXPOS TESTS, FIBROSIS WAS NOTED. CHRONIC:DUST CAN CAUSE INFLAMM OF THE LINING TISSUE OF INTERIOR OF NOSE & INFLAMM OF CORNEA. (EFTS OF OVEREXPOS)

Explanation of Carcinogenicity:SILICA, CRYSTALLINE-QUARTZ IARC MONOGRAPHS, SUPPLEMENT. VOL 7, PG 341, 1987: GROUP 2A. NTP 7TH ANNUAL REPORT (SUPDAT)

Effects of Overexposure:HLTH HAZ:HYPERSENS INDIVIDUALS MAY DEVELOP ALLARGIC DERM. OVER EXPOS TO INHALED QUARTZ DUSTS MAY LEAD TO

CHRONIC FIBROTIC LUNG DISEASE KNOWN AS SILICOSIS, FORM OF  
DISABLING, PROGRESSIVE & SOMETIMES FATAL PULM FIBROSIS CHARACTERIZED BY  
PRESENCE OF TYPICAL NODULES IN LUNGS. CHARACTERISTIC X-RAY CHANGES ARE  
NOTED. THERE (SUPDAT)

Medical Condition Aggravated by Exposure: PEOPLE WITH PRE-EXISTING LUNG  
DISEASES MAY HAVE INCREASED SUSCEPTIBILITY TO THE HEALTH EFFECTS OF  
RESPIRABLE DUSTS.

## First Aid

First Aid: INGEST: CALL MD IMMEDIATELY. INHAL: REMOVE TO FRESH AIR.  
SUPPORT BREATHING (GIVE O<sub>2</sub>/ARTIFICIAL RESPIRATION). EYES: IRRIGATE  
(FLOOD) EYES IMMEDIATELY AND REPEATEDLY WITH CLEAN WATER FOR AT  
LEAST 15 MINUTES. SKIN: WASH EXPOSED SKIN AREAS WITH SOAP AND  
WATER. APPLY STERILE DRESSINGS. GET PROMPT MEDICAL ATTENTION.

## Fire Fighting

Extinguishing Media: MEDIA SUITABLE FOR SURROUNDING FIRE CONDITION (F  
PN).

Fire Fighting Procedures: USE NIOSH/MSHA APPROVED SCBA AND FULL  
PROTECTIVE EQUIPMENT.

Unusual Fire/Explosion Hazard: NONCOMBUSTIBLE AND NOT EXPLOSIVE.

## Accidental Release

Spill Release Procedures: IF SPILLED, CAN BE CLEANED UP USING DRY  
METHODS THAT DO NOT DISPERSE DUST INTO THE AIR. AVOID BREATHING THE  
DUST. EMERGENCY PROCEDURES ARE NOT REQUIRED.

Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.

## Handling

Handling and Storage Precautions: NONE SPECIFIED BY MANUFACTURER.

Other Precautions: NONE SPECIFIED BY MANUFACTURER.

## Exposure Controls

Respiratory Protection: IN DUSTY ENVIRONMENTS, THE USE OF AN  
OSHA/MSHA/NIOSH APPROVED RESPIRATOR AND TIGHT FITTING GOGGLES IS  
RECOMMENDED.

Ventilation: LOCAL EXHAUST CAN BE USED, IF NECESSARY, TO CONTROL  
AIRBORNE DUST LEVELS.

Protective Gloves: BARRIER CREAMS OR IMPERVIOUS GLOVES.

Eye Protection: ANSI APPROVED CHEM WORKERS GOGGLES.

Other Protective Equipment: EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET  
ANSI DESIGN CRITERIA. BOOTS & CLOTHING TO PROTECT THE SKIN FROM CONT.

Work Hygienic Practices: NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health

EXPLAN OF CARCIN: ON CARCINOGENS, 1994: ANTICIPATED TO BE CARCINOGEN.

EFFECTS OF OVEREXPOS: ARE NO RPTS OF PEOPLE BECOMING SENSITIZED TO  
SAND. EXPOS CAN AFFECT SKIN, EYES & MUC MEMB. MATERIAL MAY BECOME HAZARDOUS IF  
THESE PARTICLES ARE INHALED. NO ADVERSE HEALTH EFFECTS WERE SEEN IN  
ANIMALS AFTER INGESTION OF MATERIAL. THE PRODUCT, AS (ING 8)

## Chemical Properties

Solubility in Water: SLIGHT

Appearance and Odor: GRAY COLORED WITH NO ODOR

## Stability

Stability Indicator/Materials to Avoid: YES

IS NOT INCOMPATIBLE WITH OTHER MATERIALS.

Stability Condition to Avoid: KEEP DRY UNTIL USED TO PRESERVE PRODUCT  
UTILITY.

Hazardous Decomposition Products: WILL NOT DECOMPOSE INTO HAZARDOUS  
BY-PRODUCTS.

## Disposal

Waste Disposal Methods: DISPOSAL MUST BE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL  
REGULATIONS. CAN BE TREATED AS A COMMON WASTE FOR DISPOSAL OR  
RETURNED TO THE CONTAINER FOR LATER USE IF IT IS NOT CONTAMINATED  
OR WET.

Disclaimer (provided with this information by the compiling agencies):  
This information is formulated for use by elements of the Department of Defense. The United States of America in no manner whatsoever, expressly or implied, warrants this information to be accurate and disclaims all liability for its use. Any person utilizing this document should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation.