FujiCEM / FujiCEM AUTOMIX - PASTE B

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER
GC AMERICA INC.
3737 West 127th St.
Alsip, Illinois, 60803
Telephone: 708-597-0900
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.
Transportation Emergency Telephone No. 800-424-9300

COMMON NAME: FUJICEM/FUJICEM AUTOMIX - PASTE B
CHEMICAL NAME: N.A.
PRODUCT USE: Reinforced glass ionomer luting cement – Paste B

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed paste system.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polyacrylic acid	9003-01-04	TWA=10ppm (ACGIH)	LD50 = 2500mg/kg (oral rat) LC50 = N.E.	30-40
Distilled water	7732-18-5	N.E.	N.E.	30-40
Silica powder	112945-52-5	N.E.	N.E.	2
Silicone dioxide	14808-60-7	N.E.	N.E.	20
Benzenesulfonic acid sodium salt	515-42-4	N.E.	N.E.	2-3

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.A.
VAPOR PRESSURE: N.E.
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
SPECIFIC GRAVITY (H2O = 1): N.E.
MELTING POINT: N.A.
EVAPORATION RATE: N.E.
ODOR THRESHOLD: N.E.
APPEARANCE AND ODOR: Colorless, slightly viscous and odorless

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.E.
FLAMMABLE LIMITS: N.A.
EXTINGUISHING MEDIA: Alcohol foam, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.
HAZARDOUS COMBUSTION PRODUCTS: N.E.

SECTION 5 - REACTIVITY DATA

STABILITY:	**Stable** ☒	**Unstable** ☐
POLYMERIZATION:	**Will Not Occur** ☒	**Will Occur** ☐

CONDITIONS TO AVOID: High heat
INCOMPATIBILITY (Materials to Avoid): None known
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	N.E.	N.A.	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		X						
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: **Inhalation** ☐ **Skin** ☒ **Ingestion** ☐

HEALTH HAZARD (Acute and Chronic): Care should be taken to avoid contact with skin or eyes.
SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Do not induce vomiting - give large volumes of water. Seek medical attention.
SKIN: Wash with soap and water. If irritation persists seek medical attention.
EYES: Flush with water for 15 minutes. If irritation develops seek medical attention.
***INHALATION*:** Remove to fresh air. If irritation persists seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Cover with absorbent material. Collect spilled material. Clean up residue.
WASTE DISPOSAL METHOD: Dilute with water and flush into drain with large volumes of water.
STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool dry place in tightly closed container. Store away from heat.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Minimize exposure in accordance with good hygiene practice. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.

VENTILATION: None required **Local Exhaust:** N.A. **Mechanical:** N.A. **Special:** N.E. **Other:** N.A.

PROTECTIVE GLOVES: Disposable vinyl gloves
EYE PROTECTION: Safety glasses
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station
WORK/HYGIENIC PRACTICE: N.E.

SECTION 9- PREPARATION INFORMATION

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200 and W.H.M.I.S. CPR

DATE: 3 April 2007
REVIEWED: 20 January 2009

N.A. = NOT APPLICABLE
N.E. = NOT ESTABLISHED

The information herein is given in good faith but no warranty expressed or implied is made.

NFPA

FIRE - 1 **TOXICITY - 1** **REACTIVITY - 0** **SPECIAL – ACID**