

GC FUJI PLUS - POWDER
MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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: GC FUJI PLUS
GC FUJI PLUS CAPSULE

CHEMICAL NAME: N.A.

PRODUCT USE: Reinforced glass ionomer cement - Powder component.

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Fluoro Alumino-silicate glass (amorphous)	Not listed	TLV=10mg/m ³ PEL=15mg/m ³ (ACGIH)	N.E.	95-100

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.E.	SPECIFIC GRAVITY (H₂O = 1): 2.56
VAPOR PRESSURE: N.E.	MELTING POINT: >1,350°C
VAPOR DENSITY: N.E.	EVAPORATION RATE: N.E.
SOLUBILITY IN WATER: Insoluble	ODOR THRESHOLD: N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.	APPEARANCE AND ODOR: Very fine white powder, odorless

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Not flammable

FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA: Material is not combustible. Use extinguishing media appropriate to the surrounding area.

SPECIAL FIRE FIGHTING PROCEDURES: N.A.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur

CONDITIONS TO AVOID: Avoid high temperatures and humidity

INCOMPATIBILITY (Materials to Avoid): N.E.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: At elevated temperatures various fluoride compounds will be liberated, including toxic hydrogen fluoride and sodium potassium fluoride.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	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): Dusts of silica glass are also a known cause of silicosis, a non-cancerous lung disease.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Irritation and soreness in throat and nose.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: May aggravate preexisting upper respiratory and lung disease.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air, drink water to clear throat and blow nose to evacuate dust. If irritation persists, seek medical attention.

INGESTION: Ingestion may require medical assistance.

SKIN: Wash with soap and water.

EYES: Flush with large quantities of water. If irritation develops seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Avoid generating dust while sweeping. If an excessive amount of dust is generated use a filter equipped vacuum and MSHA/NIOSH approved mask.

WASTE DISPOSAL METHOD: In accordance with local, state and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store at normal room temperatures and humidity.

SECTION 8 - CONTROL MEASURES

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

VENTILATION: Local Exhaust: Yes Mechanical: Yes Special: N.A. Other: N.A.

PROTECTIVE GLOVES: Disposable vinyl gloves recommended.

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICE: Follow safe hygiene practices.

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: 09 January 2006

REVISED: 13 March 2012

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

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

FIRE – 0 TOXICITY – 1 NFPA REACTIVITY – 0 SPECIAL –

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	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): Eye and skin contact will cause irritation. Ingestion will cause adverse health effects. Inhalation will cause irritation of the respiratory tract. Aqueous solutions are highly corrosive to skin and eyes.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. Assist breathing if necessary. Consult a physician immediately.

INGESTION: Do not induce vomiting nor give fluids. Consult a physician immediately.

SKIN: Rinse with flowing water for at least 15 minutes. Consult a physician immediately.

EYES: Flush immediately with water for 15 minutes. Consult a physician immediately.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Sweep up and discard. Flush area with water.

WASTE DISPOSAL METHOD: Dispose of in accordance with applicable federal, state and local regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in cool, dry place. Avoid eye and skin contact.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Approved respirator and nuisance dust mask

VENTILATION: Local Exhaust: YES Mechanical: N.A. Special: N.A. Other: N.A.

PROTECTIVE GLOVES: Rubber or plastic

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.E.

WORK/HYGIENIC PRACTICE: Observe good hygienic practices.

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: 16 May 2006

REVIEWED: 13 March 2012

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

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

FIRE – 1

TOXICITY – 1

NFPA
REACTIVITY – 1

SPECIAL – C

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	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):** Mildly toxic by all routes. Acidic solution, 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:** Dispose of in accordance with local, state and federal regulations.**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:** None required**VENTILATION:** Local Exhaust: N.A. Mechanical: N.A. Special: N.E. Other: N.A.**PROTECTIVE GLOVES:** Latex gloves are recommended**EYE PROTECTION:** Goggles**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Do not spill on clothing. 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:** 16 May 2006**REVIEWED:** 13 March 2012**N.A. = NOT APPLICABLE**
N.E. = NOT ESTABLISHED*The information herein is given in good faith but no warranty expressed or implied is made.*

FIRE 1

TOXICITY 1

NFPA
REACTIVITY 0

SPECIAL ACID