



MS439111

GC FUJI IX GP - POWDER
MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION**DISTRIBUTOR**

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COMMON NAME: GC FUJI IX GP – POWDER
GC FUJI XI GP CAPSULE – POWDER
GC FUJI XI GP FAST SET – POWDER
GC FUJI IX GP EXTRA - POWDER

CHEMICAL NAME: N.A.

PRODUCT USE: Glass ionomer for Restorative Treatment - powder component

The following information is provided with regard to the toxicity and hazards of the pure components present in this product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Fluoro Aluminosilicate glass (amorphous)	Not listed	TLV=10mg/m ³ PEL=15mg/m ³ (ACGIH)	N.E.	90-100
Polyacrylic acid	Not listed	TWA=10ppm (ACGIH)	LD50 = 2500mg/kg (oral rat) LC50 = N.E.	5-10

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.E. **SPECIFIC GRAVITY (H₂O = 1):** 2.56
VAPOR PRESSURE: N.A. **MELTING POINT:** 1350°C
VAPOR DENSITY: N.A. **EVAPORATION RATE:** N.A.
SOLUBILITY IN WATER: Insoluble **ODOR THRESHOLD:** N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E. **APPEARANCE AND ODOR:** Very fine white powder

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: Not flammable **FLAMMABLE LIMITS:** N.A.
EXTINGUISHING MEDIA: Alcohol foam
SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None
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): Alkali can inactivate product

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No decomposition if used or stored according to specifications.

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 is 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 pre-existing upper respiratory and lung disease.

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 develops seek medical attention.

EYES: Flush with water for 15 minutes. If irritation develops seek medical attention.

INHALATION: Remove to fresh air, drink water to clear throat and blow nose to evacuate dust.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Avoid generating dusts during cleanup. 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 practices. If needed, use MSHA-NIOSH approved respirator.

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

PROTECTIVE GLOVES: Latex gloves are recommended

EYE PROTECTION: Goggles or full face shield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Do not spill on clothing. 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: 13 December 2006

REVISED: 12 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 –