

Manufacturer MSDS Number: MS435021

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SECTION 1 : Chemical Product and Company Identification

MSDS Name: Fuji II - Powder

For emergencies in the US, call CHEMTREC: 800-424-9300

Manufacturer MSDS Revision Date:

20 January 2009

Supersedes: 16 May 2006

NFPA

Health: 1

Flammability: 0

Reactivity: 0

Other:

Distributor Name: GC America, Inc.

Distributor Address:

3737 West 127th St.

Alsip, Illinois, 60803

Distributor Telephone: 708-597-0900

Distributor Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.

General Use:

Dental filling material - powder component

COMMON NAME:

FUJI II - POWDER

FUJI II CAPSULES - POWDER

CHEMICAL NAME: Not Applicable

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.



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SECTION 2 : Hazardous Ingredients/Identity Information

Chemical Name	CAS#	Percent	
Polyacrylic acid	9003-01-4	5%	

ACGIH TLV TWA: 10 ppm

Mechanical: NOT APPLICABLE

Special: NOT ESTABLISHED

Local Exhaust:

NOT APPLICABLE

Other Exhaust Information:

NOT APPLICABLE

Hand Protection Description:

PROTECTIVE GLOVES: Latex gloves are recommended

Eye/Face Protection:

Goggles or full face shield

Respiratory Protection:

None required.

Other Protective:

Do not spill on clothing. Eyewash station

WORK/HYGIENIC PRACTICE: NOT ESTABLISHED



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SECTION 10 : Other Information

Applies to all ingredients:

OSHA 29 CFR 1200:

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR 1910,1200

Canada WHMIS:

This data is supplied to comply with W.H.M.I.S. CPR

NFPA:

Fire Hazard: 1

Health: 2

Reactivity: 0

Specific Hazard: ACID

MSDS Revision Date:

20 January 2009

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Disclaimer:

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

Abbreviations:

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

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GC America, Inc.

Fuji II - Powder

NFPA

LD50 = 2500 mg/kg (oral rat)
LC50 = Not Established

Chemical Name	CAS#	Percent	
Alumino-silicate glass	Not Available	95%	

OSHA PEL TWA: 15 mg/m³

ACGIH TLV TWA: 10 mg/m³

LD50/LC50: Not Established



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SECTION 3 : Physical And Chemical Characteristics

Physical State/Appearance:

Very fine, powder.

Color:

White

Vapor Pressure:

Not Applicable

Vapor Density:

Not Applicable

Boiling Point:

Not Established

Melting Point:

1350 deg C

Solubility:

IN WATER: Insoluble

Specific Gravity:

(H₂O = 1): 2.56

Evaporation Point:

Not Applicable

Odor Threshold:

Not Established

Coefficient of Water/Oil Distribution:

Not Established

FlashPoint:

Not flammable



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SECTION 4 : Fire And Explosion Hazards

Fire:

FLAMMABLE LIMITS: Not Applicable

Flash Point:

Not flammable

Extinguishing Media:

Alcohol foam.

Hazardous Combustion Byproducts:

Emits Acrid smoke when heated above 101 deg C.

Fire Fighting Instructions:

Full protective clothing and self contained breathing apparatus.

Unusual Fire Hazards:

None.



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SECTION 5 : Health Hazards

Applies to all ingredients:

Route of Exposure:

Inhalation, Skin, Ingestion

Carcinogenicity:

YES

IARC Designation: Group 2A

Signs/Symptoms:

Irritation and soreness in throat and nose.

Aggravation of Pre-Existing Conditions:

May aggravate preexisting upper respiratory and lung disease.

Alumino-silicate glass:

Potential Health Effects:

Acute: Contains silica glass, which is considered a hazard by inhalation.

Chronic Health Effects:

Contains silica glass, which is considered a hazard by inhalation.

Carcinogenicity:

IARC has classified it as a probable carcinogenic for humans. Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.

Polyacrylic acid:

Ingestion Effects:

LD50 = 2500 mg/kg (oral rat)

Inhalation Effects:

LC50 = Not Established

Alumino-silicate glass:

Acute Health Effects:

LD50 = Not Established

Inhalation Effects:

LC50 = Not Established



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SECTION 6 : Emergency And First Aid Procedures

Eye Contact:

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

Skin Contact:

Wash with soap and water. If irritation develops seek medical attention.

Inhalation:

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

Ingestion:

Do not induce vomiting - give large volumes of water. Seek medical attention.



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SECTION 7 : Reactivity Data

Chemical Stability:

STABLE

Conditions to Avoid:

High heat.

Incompatibilities with Other Materials:

(Materials to Avoid): Alkali will inactivate product

Hazardous Polymerization:

Will Not Occur

Hazardous Decomposition Products:

Not Established



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SECTION 8 : Precautions For Safe Handling

Spill Cleanup Measures:

Avoid generating dusts during cleanup. If an excessive amount of dust is generated use a filter equipped vacuum and MSHA/NIOSH approved mask.

Storage:

Store at normal room temperatures and humidity.

Hygiene Practices:

Follow safe hygiene practices.

Waste Disposal:

In accordance with local, state and federal regulations.



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SECTION 9 : Control Measures

Ventilation System:

Mechanical: YES

Special: Not Applicable

Local Exhaust:

Not Applicable

Other Exhaust Information:

Not Applicable

Hand Protection Description:

PROTECTIVE GLOVES: Latex gloves are recommended.

Eye/Face Protection:

Goggles or full face shield.

Protective Clothing/Body Protection:

Do not spill on clothing. Eyewash station

Respiratory Protection:

Minimize exposure to dust in accordance with good hygiene practices. If needed, use MSHA-NIOSH approved respirator.

WORK/HYGIENIC PRACTICE: Follow safe hygiene practices.



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