

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

073261229

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

073261211

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

073260965

GC America Inc.  
Manufacturer MSDS Number: NFPA  
1  
1 0

617

Patterson Dental Supply Product Code:  
73261211, 73261229

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SECTION 1 : Chemical Product and Company Identification  
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MSDS Name: Fuji Lining LC Paste Pak - Paste A  
Transportation Phone: Emergency Telephone No. 800-424-9300  
Hours Of Operation: Mon - Fri. 8:00 am. - 5:00 pm. C.S.T.  
Manufacturer MSDS Revision Date:  
30 April 2002

NFPA  
Health: 1  
Flammability: 1  
Reactivity: 0  
Other:

Distributor Name: GC America Inc.  
Distributor Address:  
377 West 127th St.  
Alsip, Illinois, 60803  
Distributor Telephone: 708-597-0900  
General Use:

Light-cured glass ionomer liner for dental cavity preparations.

Common Name: Fuji Lining LC Paste PAK - Paste A

Chemical Name: Not Applicable.

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

Product Codes:  
MS# 32571A

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SECTION 2 : Hazardous Ingredients/Identity Information  
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Chemical Name  
Alumina silicate glass CAS#  
Not Listed Percent  
70 - 100

OSHA PEL TWA: 15 mg/m3  
ACGIH TLV TWA: 10 mg/m3

LD50: Not Established.  
Chemical Name

2-Hydroxyethyl methacrylate CAS#  
868-77-9 Percent  
10 - 15%

Other Exposure Guidelines:  
Not Established

LD50 = 5888 mg/kg (oral rat)  
LC50 = Not Established  
Chemical Name  
Urethane Dimethacrylate CAS#  
72869-86-4 Percent  
5 - 10%

Other Exposure Guidelines:  
Not Established

LD50/LC50: Not Established

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SECTION 3 : Physical And Chemical Characteristics  
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Physical State/Appearance:  
Paste  
Color:  
Pale yellow  
Odor:  
Odorless  
Vapor Pressure:  
Not Established  
Vapor Density:  
Not Established  
Boiling Point:  
Not Established  
Melting Point:  
Not Established  
Solubility:  
In Water: Insoluble  
Specific Gravity:  
(H2O = 1): Not Established  
Evaporation Point:  
Not Established  
Odor Threshold:  
Not Established  
Coefficient of Water/Oil Distribution:  
Not Established  
FlashPoint:  
97 deg C

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SECTION 4 : Fire And Explosion Hazards  
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Fire:  
Flammable Limits: Not Applicable  
Flash Point:  
97 deg C  
Extinguishing Media:  
Carbon dioxide, dry chemical, alcohol-resistant foam, water spray.

Hazardous Combustion Byproducts:

None

Fire Fighting Instructions:

Not applicable

Unusual Fire Hazards:

Not established

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SECTION 5 : Health Hazards

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Applicable to All Ingredients:

Route of Exposure:

Inhalation: Yes

Skin Effects:

Ingestion: Yes

Potential Health Effects:

Acute: Contains silica glass, which is considered a hazard by inhalation. IARC has classified it as a probably carcinogenic for humans. Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.

Chronic Health Effects:

Contains silica glass, which is considered a hazard by inhalation. IARC has classified it as a probably carcinogenic for humans. Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.

Carcinogenicity:

YES

Designation: (Group 2A)

Teratogenic Information:

NO

Mutagenic Information:

NO

Reproductive Toxin Information:

NO

Sensitizer Information:

NO

Signs and Symptoms:

Irritation and soreness in throat and nose.

Aggravation of Pre-Existing Conditions:

May aggravate preexisting upper respiratory and lung disease.

Aluminum silicate glass:

Acute Health Effects:

None Not Established

Inhalation Effects:

None Not Established

2-Ethylhexyl methacrylate:

Ingestion Effects:

LD50 5888 mg/kg (oral rat)

Inhalation Effects:

None Not Established.

Urethane Dimethacrylate:

Acute Health Effects:

None Not Established

Inhalation Effects:

None Not Established

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SECTION 6 : Emergency And First Aid Procedures

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Eye Contact:

Immediately flush with large quantities of water for at least 15 minutes. Seek medical attention.

Skin Contact:

Wash with soap and water. Seek medical attention.

Inhalation:

Remove to fresh air. Seek medical attention.

Ingestion:

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

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SECTION 7 : Reactivity Data  
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Chemical Stability:

Stable

Conditions to Avoid:

Avoid high temperatures, ignition sources, excess heat

Incompatibilities with Other Materials:

(Materials to Avoid): Contains silica glass. Avoid contact with hydrofluoric acid. Contact with acids liberates hydrogen fluoride gas which is toxic and corrosive.

Hazardous Polymerization:

Will not occur

Hazardous Decomposition Products:

At elevated temperatures various fluoride compounds will be liberated, including toxic hydrogen fluoride and sodium potassium fluoride.

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SECTION 8 : Precautions For Safe Handling  
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Spill Cleanup Measures:

Wipe or absorb with inert materials and transfer to container for disposal. Avoid generating dust while sweeping. If an excessive amount of dust is generated use a filter equipped vacuum MSHA/NIOSH approved mask.

Storage:

Store in cool, dark place. Keep tightly sealed.

Hygiene Practices:

Follow safe hygiene practices.

Waste Disposal:

In accordance with local, state and federal regulations.

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SECTION 9 : Control Measures  
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Ventilation System:

Special: Not Established

Mechanical: Not Established

Local Exhaust:

Yes

Other Exhaust Information:

Not applicable

Hand Protection Description:

Protective Gloves: Disposable vinyl gloves recommended.

Eye/Face Protection:

Chemical eye goggles.

Protective Clothing/Body Protection:

Eyewash station

Respiratory Protection:

Minimize exposure in accordance with good hygiene practices. If needed, use NIOSH-NIOSH approved respirator for dusts, mists and fumes.

Work Hygienic Practice: Follow safe hygiene practices.

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SECTION 10 : Other Information  
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Applicable to all ingredients:

OSHA CFR 1200:

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

Canadian WHMIS:

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

NFPA:

Fire Hazard: 1

Health: 1

Reactivity: 0

MSDS Revision Date:

30 April 2002

MSDS Author:

Prepared By: T. Joritz

Director Regulatory Affairs

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