

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

SECTION 1 : Chemical Product and Company Identification

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:
379 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

SECTION 2 : Hazardous Ingredients/Identity Information

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

SECTION 3 : Physical And Chemical Characteristics

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

SECTION 4 : Fire And Explosion Hazards

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

SECTION 5 : Health Hazards

Applicable to All Ingredients:

Route of Exposure:

Inhalation: Yes

Skin: No

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)

Toxicity Information:

NO

Mutagenicity 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:

Not Established

Inhalation Effects:

Not Established

2-Ethylhexyl methacrylate:

Ingestion Effects:

LD50 5888 mg/kg (oral rat)

Toxicity Information:

Not Established.

Urethane Dimethacrylate:

Acute Health Effects:

Not Established

Inhalation Effects:

Not Established

SECTION 6 : Emergency And First Aid Procedures

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.

SECTION 7 : Reactivity Data

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.

SECTION 8 : Precautions For Safe Handling

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.

SECTION 9 : Control Measures

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-approved respirator for dusts, mists and fumes.

Work Hygienic Practice: Follow safe hygiene practices.

SECTION 10 : Other Information

Applicable to all ingredients:

OSHA 29 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