

MATERIAL SAFETY DATA SHEET

Date Issued: 05/13/2014
 MSDS No: BS1019A
 Date Revised: 05/13/2014
 Revision No: 1

GC Fuji Ortho Band Paste Pak Paste A

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: GC Fuji Ortho Band Paste Pak Paste A
PRODUCT DESCRIPTION: Glass Ionomer Orthodontic Band Cement Paste A
PRODUCT CODE: 439460; 001888

MANUFACTURER

GC America, Inc.
 3737 West 127th Street
 Alsip, IL 60803
Product Stewardship: 1-800-323-7063

DISTRIBUTOR

Ortho Technology , Inc
 17401 Commerce Park Boulevard
 Tampa, FL 33647
E-Mail: ljohnson@orthotechnology.com

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE: Blue Paste

POTENTIAL HEALTH EFFECTS

EYES: Mild irritant

SKIN: Mild irritant

INGESTION: Mild irritant

INHALATION: Mild irritant

SIGNS AND SYMPTOMS OF OVEREXPOSURE

SKIN: Repeated contact with skin may cause reddening and irritation.

INGESTION: No adverse effects are expected. Seek medical attention of necessary.

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

MEDICAL CONDITIONS AGGRAVATED: May aggravate preexisting upper respiratory and lung disease.

3. COMPOSITION / INFORMATION ON INGREDIENTS

INGREDIENT(S)	CAS
Alumino silicate glass	
2-Hydroxyethyl Methacrylate	868-77-9
Urethane Dimethacrylate	72868-86-4
Silicon Dioxide	7631-86-9

4. FIRST AID MEASURES

EYES: Flush with copious amounts of water.

SKIN: Wash with soap and water.

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

INHALATION: Move to fresh air

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5. FIRE FIGHTING MEASURES

FLAMMABLE LIMITS: Not flammable

AUTOIGNITION TEMPERATURE: Not Determined

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

HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide

EXPLOSION HAZARDS: None Reported

FIRE FIGHTING PROCEDURES: Not Applicable

FIRE FIGHTING EQUIPMENT: Use full protective clothing and self contained breathing apparatus.

FIRE EXPLOSION: Not established

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

6. ACCIDENTAL RELEASE MEASURES

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

SPECIAL PROTECTIVE EQUIPMENT: Glove and eye protection suggested

7. HANDLING AND STORAGE

HANDLING: To be handled by qualified dental professionals.

STORAGE: Store at normal room temperatures and humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Safety glasses or splash goggles

SKIN: Wear lab coat and compatible chemical-resistant gloves.

PROTECTIVE CLOTHING: Wear lab coat

WORK HYGIENIC PRACTICES: Follow safe hygienic practices.

OTHER USE PRECAUTIONS: Eyewash station

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Blue paste

ODOR: Odorless

COLOR: Blue

VAPOR PRESSURE: Not Established

VAPOR DENSITY: Not established

BOILING POINT: Not Established

MELTING POINT: Not Established

SOLUBILITY IN WATER: Insoluble, Flux alone (inside the Pellets) is water soluble

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EVAPORATION RATE: Not Established

ODOR THRESHOLD: Not Established

10. STABILITY AND REACTIVITY

STABILITY: Stable.

POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: Avoid high temperatures and humidity

POSSIBILITY OF HAZARDOUS REACTIONS: None known.

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

INCOMPATIBLE MATERIALS: Contains silica glass. Avoid contact with hydrofluoric acid. Contact with acids liberates hydrogen fluoride gas which is toxic and corrosive.

11. TOXICOLOGICAL INFORMATION

EYE EFFECTS: Irritation to the eyes can occur

SKIN EFFECTS: Irritation to the skin can occur

CARCINOGENICITY

Notes: IARC has classified it as a probable carcinogenic for humans (Group 2A). Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.

12. ECOLOGICAL INFORMATION

COMMENTS: Not Available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with all local, state and federal regulations. Dispose of waste at an appropriate waste disposal facility according to current applicable laws and regulations

14. TRANSPORT INFORMATION

COMMENTS: Not Established

15. REGULATORY INFORMATION

EUROPEAN COMMUNITY

EEC LABEL SYMBOL AND CLASSIFICATION



"Xi" - Irritant

GENERAL COMMENTS: R21: Harmful in contact with skin; S24: Avoid contact with skin.

16. OTHER INFORMATION

REASON FOR ISSUE: New MSDS Format

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REVISION SUMMARY: This MSDS replaces the 05/13/2014 MSDS. Revised: Section 1: APPROVED BY, Date Issued, PREPARED BY, REASON FOR ISSUE, TITLE.

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