

FUJI ORTHO BAND PASTE PAK – PASTE B
MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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COMMON NAME: FUJI ORTHO BAND PASTE PAK – PASTE B**CHEMICAL NAME:** N.A.**PRODUCT USE:** Glass ionomer orthodontic band cement

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polyacrylic acid	Not listed	TWA=10ppm (ACGIH)	LD50 = 2500mg/kg (oral rat) LC50 = N.E.	30-40
Proprietary Ingredient		TLV=10mg/m ³ PEL=15mg/m ³	N.E.	5-10
Silica powder	14808-60-07	N.E.	N.E.	5-15

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** N.E.**VAPOR PRESSURE:** N.E.**VAPOR DENSITY:** N.E.**SOLUBILITY IN WATER:** N.E.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY:** N.E.**MELTING POINT:** N.E.**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**APPEARANCE AND ODOR:** Odorless white paste**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N.E.**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Alcohol foam, dry chemical**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective clothing and self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.E.**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):** None known**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None known

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):** Care should be taken to avoid contact with skin or eyes. Sensitization possible through skin contact.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Excessive exposure may produce a headache, irritating eyes and tearing.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**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 persists seek medical attention.**EYES:** Flush with water for 15 minutes. If irritation develops seek medical attention.**INHALATION:** Remove to fresh air. If irritation persists seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Cover with absorbent material. Collect spilled material. Clean up residue.**WASTE DISPOSAL METHOD:** Dilute with water and flush into drain with large volumes of water.**STORAGE, HANDLING & SPECIAL PRECAUTIONS:** Store in a cool dry place in tightly closed container. Store away from heat.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Minimize exposure in accordance with good hygiene practice. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.**VENTILATION:** Local Exhaust: N.A. Mechanical: N.A. Special: N.A. Other: N.A.**PROTECTIVE GLOVES:** Disposable vinyl gloves**EYE PROTECTION:** Safety glasses**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station**WORK/HYGIENIC PRACTICE:** N.E.**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:** 09 January 2006**REVIEWED:** 20 January 2009

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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 – 1****TOXICITY – 1****NFPA****REACTIVITY – 0****SPECIAL –**