



MS000135

**GC GOLD LABEL 1 LUTING & LINING CEMENT - LIQUID**  
**MATERIAL SAFETY DATA SHEET**

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**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****MANUFACTURER**

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**COMMON NAME:** GC Gold Label 1 Luting & Lining Cement**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental luting cement material - liquid component

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.

**SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION**

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Distilled water	7732-18-5	N.E.	N.E.	50-55
Polyacrylic acid	9003-01-4	TWA=10ppm (ACGIH)	LD50 = 2500mg/kg (oral rat) LC50=N.E.	30-40

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES****BOILING POINT:** 101°C**VAPOR PRESSURE:** N.E.**VAPOR DENSITY:** N.E.**SOLUBILITY IN WATER:** N.E.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**APPEARANCE AND ODOR:** Colorless, slightly viscous and odorless liquid**SPECIFIC GRAVITY (H2O = 1):** 1.18**MELTING POINT:** 13°C**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** Not flammable**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Alcohol foam**SPECIAL FIRE FIGHTING PROCEDURES:** Full protective clothing and self-contained breathing apparatus.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None**HAZARDOUS COMBUSTION PRODUCTS:** Emits Acrid smoke when heated beyond boiling point.**SECTION 5 - REACTIVITY DATA****STABILITY:** Stable Unstable **POLYMERIZATION:** Will Not Occur Will Occur **CONDITIONS TO AVOID:** High heat**INCOMPATIBILITY (Materials to Avoid):** Alkali will inactivate product**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.



SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

Table with 9 columns: YES, NO, NE, NA, NTP, IARC, OSHA, OTHER. Rows include MUTAGENIC AFFECTS, TERATOGENIC AFFECTS, REPRODUCTIVE TOXIN, CARCINOGENICITY, SENSITIZER.

ROUTES OF ENTRY: Inhalation [ ] Skin [x] Ingestion [x]

HEALTH HAZARD (Acute and Chronic): Acidic solution (pH=1.90), care should be taken to avoid contact with skin or eyes.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

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 develops seek medical attention.

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

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Ensure adequate ventilation.

WASTE DISPOSAL METHOD: Dilute with water and flush into drain with large volumes of water.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool dry place in tightly closed container.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: None required

VENTILATION: Local Exhaust: N.A. Mechanical: N.A. Special: N.E. Other: N.A.

PROTECTIVE GLOVES: Latex gloves are recommended

EYE PROTECTION: Goggles or full face shield

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Do not spill on clothing. 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: 11 April 2007

REVISED: 23 September 2009

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 - 0 TOXICITY - 1 NFPA REACTIVITY - 0 SPECIAL - ACID