

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

GC AMERICA INC.  
3737 West 127th St.  
Alsip, Illinois, 60803  
Telephone: 708-597-0900  
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.  
Transportation Emergency No. 800-424-9300

**COMMON NAME:** GC INITIAL – MODELING LIQUID, SHOULDER LIQUID**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental Porcelain System

*The following information is provided with regard to the toxicity and hazards the pure components present in this product.*

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

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Propylene Glycol	57-55-6	TWA=10mg/m <sup>3</sup> Dow (mist)	LD50-20.0-33.7g/kg (oral rat) LC50=N.E.	0-15%
Zinc Chloride	7646-85-7	N.E.	N.E.	0-5%

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

**BOILING POINT:** 185°C  
**VAPOR PRESSURE @20°C:** 0.1 hPa  
**VAPOR DENSITY:** N.E.  
**SOLUBILITY IN WATER:** soluble  
**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:** Liquid

**SECTION 4 - FIRE AND EXPLOSION DATA**

**FLASH POINT:** 101°C. **FLAMMABLE LIMITS:** Upper – 12.6 Vol%; Lower – 2.6 Vol%

**EXTINGUISHING MEDIA:** water fog, carbon dioxide, dry chemical, alcohol-resistant foam

**SPECIAL FIRE FIGHTING PROCEDURES:** N.A.  
**UNUSUAL FIRE AND EXPLOSION HAZARDS:** N.A.  
**HAZARDOUS COMBUSTION PRODUCTS:** N.A.

**SECTION 5 - REACTIVITY DATA**

**STABILITY:** Stable  Unstable   
**POLYMERIZATION:** Will Not Occur  Will Occur

**CONDITIONS TO AVOID:** High heat, high humidity  
**INCOMPATIBILITY (Materials to Avoid):** N.A.  
**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.A.

**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

**SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued**

**HEALTH HAZARD (Acute and Chronic):** May cause irritation to skin and eyes.

**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.A.

**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.A.

**EMERGENCY FIRST AID PROCEDURES:**

**INHALATION:** Supply fresh air, consult physician if irritation develops.

**EYE CONTACT:** Rinse eye with water for several minutes. If irritation persists, consult physician.

**SKIN CONTACT:** Wash with soap and water. Consult physician if irritation develops.

**INGESTION:** If irritation develops, consult physician.

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

**IN CASE OF RELEASE OR SPILL:** Absorb with inert material, scrap up and discard.

**WASTE DISPOSAL METHOD:** Dispose of material in accordance with local, state and federal regulations.

**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in cool, dry place.

**SECTION 8 - CONTROL MEASURES**

**RESPIRATORY PROTECTION:** In case of exposure to dust over regulatory limits, wear personal respirator of an approved type.

**VENTILATION:** Local Exhaust:  Mechanical:  Special:  Other:

**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.

**EYE PROTECTION:** Safety glass recommended.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** N.A.

**WORK/HYGIENIC PRACTICE:** Observe good hygienic practices.

**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:** 27 February 2012

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 – 0

NFPA

REACTIVITY – 0

SPECIAL –