

#### MS877003

# GC INITIAL – LIQUID 1 MATERIAL SAFETY DATA SHEET

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# SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

**DISTRIBUTOR** 

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Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T. Transportation Emergency No. 800-424-9300

COMMON NAME: GC INITIAL – GLAZE LIQUID, UNIVERSAL 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>	LD50-20.0-33.7g/kg	90-100%
		Dow (mist)	(oral rat)	
			LC50=N.E.	

# **SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**

BOILING POINT:N.E.SPECIFIC GRAVITY:N.E.VAPOR PRESSURE @20°C:0.11 hPaMELTING POINT: $-68^{\circ}\text{C}$ VAPOR DENSITY @ 20°C: $1.0362 \text{ g/cm}^{3}$ EVAPORATION RATE:N.E.SOLUBILITY IN WATER:not solubleODOR THRESHOLD:N.E.

COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E. APPEARANCE AND ODOR: oily, colorless, near odorless

#### **SECTION 4 - FIRE AND EXPLOSION DATA**

FLASH POINT: N.A. 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 DOLYMERIZATION: Will Not Occur Will Will Occur

**CONDITIONS TO AVOID:** High heat, high humidity

**INCOMPATIBILITY (Materials to Avoid):** Strong oxidizing agents.

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Carbon dioxide and carbon monoxide may form when heated to decomposition.

Aldehydes or lactic, pyruvic or acetic acids may also be formed.

### 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



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

HEALTH HAZARD (Acute and Chronic): May cause irritation to skin and eyes. In case of ingestion, monitor for acidosis and central nervous system changes. Exposed persons with previous kidney dysfunction may require special treatment. Ingestion of sizeable amount (over 100ml) may cause some gastrointestinal upset and temporary central nervous system depression. Effects appear more severe in individuals with kidney problems.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.A.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Kidney disorders.

#### **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: Give several glasses of water to drink to dilute. If large amounts were swallowed or 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.								
<b>SECTION 8 - C</b>	ONTROL MEASURES							
RESPIRATORY P	ROTECTION: In case of expo	sure to dust over regulat	ory limits, wear personal i	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.								
<b>SECTION 9 - P</b>	REPARATION INFORMATI	ON						
<b>DATE:</b> 0	ied to comply with OSHA Hazar 9 January 2006 27 February 2012	d Communication Standard	d 29 CFR 1910,1200 and W.	H.M.I.S. CPR.				
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	TOXICIT	<b>NFPA</b> <b>Y</b> – 0 <b>I</b>	REACTIVITY – 0	SPECIAL –				