

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

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Transportation Emergency No. 800-424-9300

**COMMON NAME:** INITIAL – OPAQUE LIQUID, BONDER 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.	30-40%
Sodium Acetate	127-09-3	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:** Lower – 2.6 Vol%; Upper – 12.6 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):** 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

**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:** Move to fresh air. Consult doctor if irritation develops.

**EYE CONTACT:** Rinse eye for several minutes under running water. Consult doctor if irritation persists.

**SKIN CONTACT:** Wash area with soap and water. Consult doctor 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.

**SECTION 8 - CONTROL MEASURES**

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

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

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

**EYE PROTECTION:** Safety glasses 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:** 22 January 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 – 1

TOXICITY – 1

NFPA

REACTIVITY – 0

SPECIAL –