

INITIAL IQ – LIQUID 1
MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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COMMON NAME: INITIAL IQ – DILUTING 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 ³ Dow (mist)	LD50-20.0-33.7g/kg (oral rat) LC50=N.E.	90-100%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 185°C (365°F) **SPECIFIC GRAVITY:** N.E.
VAPOR PRESSURE @20°C: 0.1 hPa **MELTING POINT:** N.E.
VAPOR DENSITY @ 20°C: N.E. **EVAPORATION RATE:** N.E.
SOLUBILITY IN WATER: Soluble **ODOR THRESHOLD:** N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E. **APPEARANCE AND ODOR:** colorless, near odorless liquid

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.A. **FLAMMABLE LIMITS:** Upper – 12.6 Vol%; Lower – 2.6 Vol%
EXTINGUISHING MEDIA: CO₂, extinguishing powder, water spray, 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.E.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** No decomposition if used according to specifications.**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.E.

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, scrape 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: 11 June 2007

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 – 0

NFPA

REACTIVITY – 0

SPECIAL –