

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

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COMMON NAME: INITIAL IQ – POWDERS (MC, Zr.); ingots, correction powder, fluo cryst, frame modifier, correction

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	%
Aluminum oxide	1344-28-1	PEL= 15, 5mg/m ³ Total dust, respirable fraction TLV=10mg/m ³	N.E.	10-17
Cristobalite	14464-46-1	REL = 0.05 mg/m ³ Respirable dust TLV = 0.025 R mg/m ³	N.E.	55-70

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: >999°C (>1830°F) **SPECIFIC GRAVITY:** N.E.
VAPOR PRESSURE: N.E. **MELTING POINT:** N.E.
VAPOR DENSITY: N.E. **EVAPORATION RATE:** N.A.
SOLUBILITY IN WATER: not soluble **ODOR THRESHOLD:** N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E. **APPEARANCE AND ODOR:** Odorless powder

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.A. **FLAMMABLE LIMITS:** N.A.
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: N.A.

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				X	X		
SENSITIZER		X						



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

ROUTES OF ENTRY: Inhalation Skin Ingestion

HEALTH HAZARD (Acute and Chronic):

SIGNS AND SYMPTOMS OF OVEREXPOSURE:

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

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: Consult physician if irritation develops.

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: Product should be handled so as to minimize the amount of airborne dust.

Store in sealed containers in cool, dry area.

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Where there is potential for inhalation exposure to product dust, mist or aerosols in excess of exposure limits, wear NIOSH/MSHA approved respiratory protection.

VENTILATION: Local Exhaust Yes **Mechanical:** N.E. **Special:** N.E. **Other:** N.E.

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: 19 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 –
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