

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

GC AMERICA INC.

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Telephone: 708-597-0900

Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.

Transportation Emergency No. 800-424-9300

**COMMON NAME:** EXAJET HEAVY BODY - CATALYST**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental Impression Material

The following information is provided with regard to the toxicity and hazards the pure components present in this portion of the unmixed two paste system

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

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Silica-Amorphous	112926-00-8	PEL = 10.0 mg/m <sup>3</sup> TLV/TWA = 10.0 mg/m <sup>3</sup> (as dust) (ACGIH)	N.E.	40-50
Vinyl Dimethyl Poly -Dimethyl Siloxane	68083-19-2	N.E.	N.E.	45-60

**SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES****BOILING POINT:** 160°C**VAPOR PRESSURE:** 100/50°C**VAPOR DENSITY:** 2.56**SOLUBILITY IN WATER:** Insoluble**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY:** (H<sub>2</sub>O=1) 1.35g/cm<sup>3</sup>**MELTING POINT:** N.E.**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**APPEARANCE AND ODOR:** Odorless paste**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** Not Flammable per ASTM D92**FLAMMABLE LIMITS:** N.A.**EXTINGUISHING MEDIA:** Dry Chemical, Carbon Dioxide, Alcohol Foam**SPECIAL FIRE FIGHTING PROCEDURES:** Water is not effective medium. Firefighters should wear self-contained breathing apparatus and full protective clothing.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Irritating and/or toxic aerosols or gases may be present.**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Sulfur Hydrogen Sulfide**SECTION 5 - REACTIVITY DATA****STABILITY:** Stable Unstable **POLYMERIZATION:** Will Not Occur Will Occur **CONDITIONS TO AVOID:** High temperatures (> 121°C); open flames**INCOMPATIBILITY (Materials to Avoid):** Strong acids, bases, oxidizers.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.

**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 (as Silica dust)					X		
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation  Skin  Ingestion 

HEALTH HAZARD: (Acute and Chronic): Breathing vapor generated from this product may be irritating to the eyes, nose and throat.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Headaches

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Remove to fresh air if irritation develops**EYES:** Flush with large volumes of water, consult a physician if irritation develops.**SKIN:** Wash thoroughly with soap and water**INGESTION:** Do not induce vomiting. Dilute by drinking several glasses of water. Seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE**

IN CASE OF RELEASE OR SPILL: Absorb with inert material; transfer to container for disposal

WASTE DISPOSAL METHOD: Landfill per local and Federal Regulations

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store at normal room temperature in a well ventilated area

**SECTION 8 - CONTROL MEASURES**

RESPIRATORY PROTECTION: N.A.

VENTILATION: Local Exhaust: Recommended Mechanical: N.E. Special: N.E. Other: N.E.

PROTECTIVE GLOVES: Synthetic/Vinyl Gloves

EYE PROTECTION: Safety glasses or goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.E.

WORK/HYGIENIC PRACTICE: N.E.

**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 2006REVIEWED: 19 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.*  
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FIRE - 0

TOXICITY - 1

NFPA  
REACTIVITY - 1

SPECIAL -