

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

GC AMERICA INC.
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Alsip, Illinois, 60803
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Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.
Transportation Emergency No. 800-424-9300

COMMON NAME: EXAIMPLANT - 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 ³ TLV/TWA = 10.0 mg/m ³ (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: (H₂O=1) 1.35g/cm³
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 -