

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER
 GC AMERICA INC.
 3737 West 127th St.
 Alsip, Illinois, 60803
 Telephone: 708-597-0900
 Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.
 Transportation Emergency No. 800-424-9300

COMMON NAME: EXAFLEX BASE: INJECTION/REGULAR/MONOPHASE/HEAVY BODY
 EXAMIX BASE: INJECTION/REGULAR/MONOPHASE/HEAVY BODY - CARTRIDGE
 EXAMIX NDS BASE: INJECTION/REGULAR/MONOPHASE/HEAVY BODY - CARTRIDGE
 EXAFAST NDS BASE: INJECTION/REGULAR/MONOPHASE/HEAVY BODY - CARTRIDGE
 EXAJET BASE: HEAVY BODY

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.	35-55
Vinyl Dimethyl Poly - Dimethyl Siloxane	68083-19-2	N.E.	N.E.	35-60
Polydimethyl Siloxane (SiH Terminated)	(not listed)	N.E.	LD50= 5mg/m ³ (oral rat) LC50= N.E.	1-20

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: Yellow odorless paste/putty

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: Land fill 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

PREPARED BY: T. Joritz DATE: 03 January 2003
Director Regulatory Affairs

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 - 1

NFPA

REACTIVITY - 1

SPECIAL -

EXAFLEX CATALYST ALL MATERIAL SAFETY DATA SHEET

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SOLUBILITY IN WATER: Insoluble **ODOR THRESHOLD:** N.E.
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TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY	X (as Silica dust)					X		
SENSITIZER		X						

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