



MS132402

EXABITE - BASE

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## MATERIAL SAFETY DATA SHEET

## 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 Telephone No. 800-424-9300

COMMON NAME: EXABITE REGISTRATION MATERIAL – Base  
EXABITE II NDS

CHEMICAL NAME: N.A.

PRODUCT USE: Dental Bite Registrations/Impressions.

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

## SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

<u>COMPONENT AND C.A.S.</u>	<u>EXPOSURE LIMITS</u>	<u>LD50/LC50</u>	<u>%</u>
Silica-Amorphous 112926-00-8	PEL=10.0mg/m <sup>3</sup> TLV/TWA=10.0mg/m <sup>3</sup> (as dust) (ACGIH)	N.E.	35-55
Vinyl Dimethyl Polydimethyl Siloxane 68083-19-2	N.E.	N.E.	35-60
Polydimethyl Siloxane (SiH Terminated) (not listed)	N.E.	LD50=5mg/m <sup>3</sup> (oral rat)	1-20

## SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	60°C	SPECIFIC GRAVITY (H <sub>2</sub> O=1):	1.35g/cm <sup>3</sup>
VAPOR PRESSURE:	100/50°C	MELTING POINT:	N.E.
VAPOR DENSITY:	2.56	EVAPORATION RATE:	N.E.
SOLUBILITY IN WATER:	Insoluble	ODOR THRESHOLD:	N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION:	N.E.	APPEARANCE AND COLOR:	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: X UNSTABLE:  
POLYMERIZATION: WILL NOT OCCUR: X 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.

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## 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 X SKIN X INGESTION X

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*  
 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.*

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<b>FIRE</b>	<b>0</b>	<b>TOXICITY</b>	<b>1</b>	<b>NFPA</b>	<b>1</b>	<b>SPECIAL</b>	<b>-</b>
				<b>REACTIVITY</b>			

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