



MS132402

EXABITE – BASE
MATERIAL SAFETY DATA SHEET

Page 1 of 2

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

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: 60°C	SPECIFIC GRAVITY: (H ₂ O=1) 1.35g/cm ³
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 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.



MS132402

EXABITE – BASE

Page 2 of 2

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: In accordance with local, state 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 2006

REVIEWED: 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.

FIRE - 0

TOXICITY - 1

NFPA
REACTIVITY - 1

SPECIAL -



MS132408

**EXABITE – CATALYST
MATERIAL SAFETY DATA SHEET**

Page 1 of 2

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/Accelerator
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**

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.	50-60

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 160°C	SPECIFIC GRAVITY: (H ₂ O=1) 1.35g/cm ³
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 ODOR: Blue 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 <input checked="" type="checkbox"/>	Unstable <input type="checkbox"/>
POLYMERIZATION:	Will Not Occur <input checked="" type="checkbox"/>	Will Occur <input type="checkbox"/>

CONDITIONS TO AVOID: High temperatures (> 121°C); open flames**INCOMPATIBILITY (Materials to Avoid):** Strong acids, bases, oxidizers.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** N.E.



MS132408

EXABITE – CATALYST

Page 2 of 2

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: In accordance with local, state 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 2006

REVIEWED: 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

FIRE - 0

TOXICITY - 1

NFPA
REACTIVITY - 1

SPECIAL -