

### 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:** EXA'LENCE PUTTY BASE AND CATALYST

**CHEMICAL NAME:** N.A.

**PRODUCT USE:** Dental Impressions

*The following information is provided with regard to the toxicity and hazards of 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	%
Polydimethyl Siloxane	(not listed)	N.E.	LD50 = 5mg/m <sup>3</sup> (oral rat)	11
Vinyl Dimethyl Polydimethyl Siloxane	68083-19-2	N.E.	N.E.	11
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.	78

### SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

**BOILING POINT:** 160°C      **SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.67  
**VAPOR PRESSURE:** 100/50°C      **MELTING POINT:** N.E.  
**VAPOR DENSITY:** 2.56      **EVAPORATION RATE:** N.E.  
**SOLUBILITY IN WATER:** Insoluble      **ODOR THRESHOLD:** N.A.  
**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.      **APPEARANCE AND ODOR:** A yellow or green paste. Both are odorless.

### 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 dioxide, 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						
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: According to 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: October 2, 2008

N.A. = NOT APPLICABLE  
 N.E. = NOT ESTABLISHED

*The information herein is given in good faith but no warranty expressed or implied is made.*

NFPA

FIRE - 0                      TOXICITY - 1                      REACTIVITY - 1                      SPECIAL -