

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: GCLT LABORATORY PUTTY

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 product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Polydimethyl Siloxane	(not listed)	N.E.	LD50 = 5mg/m ³ (oral rat)	11
Vinyl Dimethyl Polydimethyl Siloxane	68083-19-2	N.E.	N.E.	11
Silicon Dioxide	112926-00-8	PEL = 0.1mg/m ³ TLV/TWA = 0.1mg/m ³ (as dust) (ACGIH)	N.E.	78

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 160°C	SPECIFIC GRAVITY (H₂O = 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 blue paste. Both are odorless.

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 252°C closed cup **FLAMMABLE LIMITS:** N.E.
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								
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY	X (as Silica dust)					X		
SENSITIZER								

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.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION - continued**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
Director, Regulatory Affairs

DATE: 03 January 2003

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 - 1

TOXICITY - 1

NFPA

REACTIVITY - 1

SPECIAL -