

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

SUPPLIER

COMMON NAME: COE-FLEX BASE, ALL VISCOSITIES

Chemical Name: N.A.

PRODUCT USE: Dental impressional material

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 AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Precipitated Silica 112926-00-8	TWA=10mg/m ³ (ACGIH) TWA=5mg/m ³ (ACHIH) (respirable)	N.E.	1-5%
Titanium Dioxide 13463-67-7	TWA=10mg/m ³ (respirable) (ACGIH)	N.E.	5-25%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES:

BOILING POINT: N.E. SPECIFIC GRAVITY (H₂O = 1): 4.3
VAPOR PRESSURE: N.E. MELTING POINT: 102°C
VAPOR DENSITY: N.E. EVAPORATION RATE: N.E.
SOLUBILITY IN WATER: N.E. ODOR THRESHOLD:
COEFFICIENT OF OIL/WATER DISTRIBUTION:

APPEARANCE AND ODOR: White paste with a sulfurous odor

SECTION 4 - FIRE AND EXPLOSION DATA:

FLASH POINT: N.A. FLAMMABLE LIMITS: N.A.

EXTINGUISHING MEDIA: For surrounding fires, dry chemical, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: N.A.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.

HAZARDOUS COMBUSTION PRODUCTS: If heated to high temperatures or on open flame this product may emit formaldehyde, other aldehydes, oxides of sulfur, carbon dioxide, carbon monoxide, hydrogen sulfide, low molecular weight, hydrocarbons.

SECTION 5 - REACTIVITY DATA:

STABILITY: STABLE: X UNSTABLE:
 POLYMERIZATION: WILL NOT OCCUR: X WILL OCCUR:

CONDITIONS TO AVOID: High heat

INCOMPATIBILITY (MATERIALS TO AVOID): Oxidizing agents, strong acids

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION:

	YES	NO	N.E.	N.A.	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS:		X						
TERATOGENIC AFFECTS:		X						
REPRODUCTIVE TOXIN:		X						
CARCINOGENICITY:		X						
SENSITIZER:		X						

ROUTES OF ENTRY: INHALATION SKIN X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): Skin irritation can occur following prolonged or repeated contact.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.E.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION: - continued

EMERGENCY FIRST AID PROCEDURES:

INHALATION: N.A.

INGESTION: Induce vomiting. Call a poison control center, emergency room. Seek medical attention.

SKIN: Wash with soap and water.

EYES: Thoroughly flush with water.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE:

IN CASE OF RELEASE OR SPILL: Scrape up and discard.

WASTE DISPOSAL METHOD: In accordance with local, state, and federal regulations.

STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool and dry place

SECTION 8 - CONTROL MEASURES:

RESPIRATORY PROTECTION: Reduce exposure in accordance with good hygiene practice. If exposure limits are exceeded, use MSHA-NIOSH approved respirators for dusts, mists, fumes.

VENTILATION:	LOCAL EXHAUST:	N.E.	MECHANICAL:	N.E.
	SPECIAL:	N.E.	OTHER:	N.E.

PROTECTIVE GLOVES: Disposable vinyl gloves are recommended.

EYE PROTECTION: N.A.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICE: Avoid contact with clothing, may stain.

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: 1 November 97

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

The information herein is given in good faith. No warranty expressed or implied is made.

FIRE	1	TOXICITY	2	NFPA REACTIVITY	1	SPECIAL	-
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