

FREEGENOL -BASE MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

DISTRIBUTOR

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

TRADE NAME:FREEGENOL TEMPORARY PACK - BASECHEMICAL NAME:N.A.PRODUCT USE:Temporary dental cement for provisional restorations

The following information is provided with regard to the toxicity and hazards of the pure components present in this portion of the unmixed twopaste system.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Zinc oxide	1314-13-2	TLV=10mg/m ³	LD50=7.9g/kg	70-75
		(dust)	(oral rat)	
		PEL=5mg/m3	LC50=N.E.	
		(fume)		
Vegetable oil	(not listed)	TWA=15mg/m ³	N.E.	21-22
		(as mist)		
		(ACGIG)		
Petrolatum	8009-03-7	TWA=5mg/m ³	N.E.	3-5
		(ACGIH)		

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT:	N.E.	SPECIFIC GRAVITY (H2O = 1):	2.10
VAPOR PRESSURE:	N.E.	MELTING POINT:	N.E.
VAPOR DENSITY:	N.E.	EVAPORATION RATE:	N.E.
SOLUBILITY IN WATER:	Insoluble	ODOR THRESHOLD:	N.E.
COEFFICIENT OF OIL/W	ATER DISTRIBUTION: N.E.	APPEARANCE AND ODOR:	White colored, odorless paste

SECTION 4 - FIRE AND EXPLOSION hazard DATA

FLASH POINT: N.E.

FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Dry chemical foam, Carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: Wear full protective gear including NIOSH approved self-contained breathing apparatus. **UNUSUAL FIRE AND EXPLOSION HAZARDS**: Contains Zinc Oxide, which when heated to very high temperatures decomposes to produce toxic fumes.

HAZARDOUS COMBUSTION PRODUCTS: None

SECTION 5 - REACTIVITY DATA

STABILITY:
POLYMERIZATION:

Stable X Will Not Occur



CONDITIONS TO AVOID: High temperatures

INCOMPATIBILITY (Materials to Avoid): Avoid chlorinated rubber, magnesium, strong acids and bases. **HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None



MS136591 FREEGENOL -BASE SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS		Х						
TERATOGENIC AFFECTS		Х						
REPRODUCTIVE TOXIN		Х						
CARCINOGENICITY		Х						
SENSITIZER		Х						
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HEALTH HAZARD (Acute and Chronic): Contact may be slightly irritating to eyes or skin. No cumulative effects know for long-term exposure. Dermatitis can occur in cases where there is prolonged exposure to zinc oxide dust.

Indestion 🖂

Skin 🖂

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.A.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.A.

Inhalation 🖂

EMERGENCY FIRST AID PROCEDURES:

ROUTES OF ENTRY:

INGESTION: Give several glasses of water. If large amounts were swallowed, seek medical attention. *EYE CONTACT:* Flush with water for 15 minutes. If irritation persists or develops, seek medical attention. *INHALATION:* Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention.

SKIN CONTACT: Wash with soap and water. If irritation persists or develops, seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Scrape up and discard. Wash area with detergent and water. **WASTE DISPOSAL METHOD:** Follow all government regulations. **STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool 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 respirator for dusts, mists, fumes.

VENTILATION: L	ocal Exhaust:	Recommended	Mechanical: N.E.	Special: N.E.	Other: N.E.
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PROTECTIVE GLOVES: Recommended

EYE PROTECTION: Safety glasses recommended.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash station.

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

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 DATE:
 09 January 2006

 REVIEWED:
 21 February 2012

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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NFPA FIRE - 0 TOXICITY - 1 REACTIVITY - 0 SPECIAL -----