

MATERIAL SAFETY DATA SHEET

SECTION 1 - SOURCE/IDENTITY/USE INFORMATION:

MANUFACTURER	SUPPLIER
GC AMERICA INC.	
3737 West 127th St.	
Alsip, Illinois, 60803	
Telephone: 708-597-0900	
Hours Mon.-Fri: 8:00 a.m.-5:00 p.m. C.S.T.	
Transportation Emergency No. 800-424-9300	

COMMON NAME: OMNIFLEX ACCELERATOR, REGULAR AND FAST

Chemical Name: N. A.

PRODUCT USE: Dental Impression 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.

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SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

COMPONENT AND C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Cupric Hydroxide 20427-59-2	TWA=1mg/m ³ (as dust) (ACGIH)	LD50>1g/Kg LC50>2mg/L	10-30%
Titanium Dioxide 13463-67-7	TWA=10mg/m ³ (ACGIH)	N.E.	10-30%
Silicon Dioxide 112926-00-8	TWA=10mg/m ³ (ACGIH)	N.E.	1-5%
Methyl Pentachlorostearate 26638-28-8	N.E.	N.E.	30-60%

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES:

BOILING POINT:	N.E.	SPECIFIC GRAVITY:	N.E.
VAPOR PRESSURE:	N.E.	MELTING POINT:	N.E.
VAPOR DENSITY:	N.E.	EVAPORATION RATE:	N.E.
SOLUBILITY IN WATER	N.E.	ODOR THRESHOLD:	N.E.
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.			

APPEARANCE AND ODOR: Light blue paste

SECTION 4 - FIRE AND EXPLOSION DATA:

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

EXTINGUISHING MEDIA: For surrounding fire use dry chemical, foam, carbon dioxide

SPECIAL FIRE FIGHTING PROCEDURES: As appropriate for surrounding fire.

UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.

HAZARDOUS COMBUSTION PRODUCTS: Hydrogen chloride gas, carbon dioxide

SECTION 5 - REACTIVITY DATA:

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

CONDITIONS TO AVOID: High heat

INCOMPATIBILITY (MATERIALS TO AVOID): N.A.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Methyl Pentachlorostearate is decomposed by temperatures (above 148 °C) to release toxic Hydrogen Chloride gas.

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 X INGESTION X

HEALTH HAZARD: (ACUTE AND CHRONIC): Cupric Hydroxide may be corrosive to eye

SIGNS AND SYMPTOMS OF OVEREXPOSURE: N.A.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.A.

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

EMERGENCY FIRST AID PROCEDURES:

INGESTION: Induce vomiting, seek medical attention.

SKIN: Wash with soap and water.

EYES: Flush with water for 15 minutes. If irritation develops seek medical attention.

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, federal 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 respirators for dusts, mists, fumes.

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

PROTECTIVE GLOVES: Disposable vinyl gloves recommended.

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: N.A.

WORK/HYGIENIC PRACTICE: N.A.

SECTION 9- PREPARATION INFORMATION:

This data is supplied to comply with OSHA Hazard Communication Standard 29 CFR1910,1200 and W.H.M.I.S. CPR

PREPARED BY: T. Joritz
Director Regulatory Affairs

Date: 1 November 97

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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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FIRE 1	TOXICITY 1	REACTIVITY 1	SPECIAL COR/OXY

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Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.	
Transportation Emergency Telephone No. 800-424-9300	

COMMON NAME: OMNIFLEX BASE, REGULAR AND FAST SET

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.

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SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION:

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

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SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES:

BOILING POINT: N.E.	SPECIFIC GRAVITY (H ₂ O = 1): 4.3
VAPOR PRESSURE: N.E.	MELTING POINT: 1021°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

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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.

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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.

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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.

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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

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FIRE 1 TOXICITY 1 NFPA
 REACTIVITY 1 SPECIAL -

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