



MS136506

TEMP ADVANTAGE - ACCELERATOR

MATERIAL SAFETY DATA SHEET

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SECTION 1 - SOURCE/IDENTITY/USE INFORMATION

MANUFACTURER

GC AMERICA INC.
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Alsip, Illinois, 60803
Telephone: 708-597-0900
Hours: Mon.- Fri. 8:00 am. - 5:00 pm. C.S.T.
Transportation Emergency No. 800-424-9300

COMMON NAME: TEMP ADVANTAGE - Accelerator**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental Temporary Cement

The following information is provided with regard to the toxicity and hazards the pure components present in this product.

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Component	C.A.S.	Exposure Limits	LD50/LC50	%
Vegetable oil	Not listed	TWA=15mg/m ³ (as mist) (ACGIH)	N.E.	10-15%
Zinc oxide	1314-13-2	TWA=15mg/m ³ (as dust) (ACGIH) TWA=5mg/m ³ (respirable) (ACGIH)	LD50=7.9g/kg (oral rat) LC50=N.E.	80-90%
Sodium fluoride	7681-49-4	N.E.	LD50=52mg/kg (oral rat)	0.5%
Potassium nitrate	7757-79-1	N.E.	LD50=7350mg/kg	1-5%

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: White odorless paste

SECTION 4 - FIRE AND EXPLOSION 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 sublimates to produce toxic fumes.**HAZARDOUS COMBUSTION PRODUCTS:** Decomposition of Sodium Fluoride may produce Hydrofluoric acid. Potassium Nitrate emits toxic fumes under fire conditions.

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur

CONDITIONS TO AVOID: High heat**INCOMPATIBILITY (Materials To Avoid):** Zinc oxide has exploded when mixed with chlorinated rubber. Zinc oxide reacts violently with magnesium linseed oil. Zinc oxide can react explosively when heated.**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Decomposition of sodium fluoride may produce hydrofluoric acid.

SECTION 6 - HEALTH HAZARD DATA and FIRST AID INFORMATION

	YES	NO	NE	NA	NTP	IARC	OSHA	OTHER
MUTAGENIC AFFECTS	X					X		
TERATOGENIC AFFECTS		X						
REPRODUCTIVE TOXIN	X					X		
CARCINOGENICITY		X						
SENSITIZER		X						

ROUTES OF ENTRY: Inhalation Skin Ingestion

HEALTH HAZARD (Acute And Chronic): Ingestion may cause intestinal obstruction with nausea, fever and stomach cramps. Inhalation of dust generated from this product may irritate the respiratory tract. Mutation references cited, animal reproductive affects cited.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Lung irritation, stomach cramps, nausea, fever. Symptoms of Fluoride overexposure include salivation, nausea, vomiting, abdominal pain, fever, labored breathing.

CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. For any breathing difficulty, seek medical attention.

EYE CONTACT: Wash with running water for at least 15 minutes. If irritation develops, seek medical attention.

SKIN CONTACT: Wash with soap and water.

INGESTION: Give several glasses of water. If large amounts were swallowed, seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

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

WASTE DISPOSAL METHOD: Ensure compliance with local, state and federal regulations.

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

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: If exposure limits are exceeded, use MSHA-NIOSH approved respirators for dusts, mists, fumes.

VENTILATION: Local Exhaust Mechanical: Special: Other:

PROTECTIVE GLOVES: Disposable vinyl gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICE: Observe good hygienic work practices. 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.

DATE: 09 January 2006

REVIEWED: 24 February 2009

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 - 2****REACTIVITY - 1****SPECIAL -**