

MS329330

**COE-COMFORT - POWDER
MATERIAL SAFETY DATA SHEET**

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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: COE-COMFORT POWDER**CHEMICAL NAME:** N.A.**PRODUCT USE:** Dental tissue conditioner - powder component

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Zinc undecylenate	112-38-9	N.E.	LD50=2.5g/kg (oral rat) LC50=N.E.	1-5

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** N.A.**SPECIFIC GRAVITY (H₂O = 1):** N.A.**VAPOR PRESSURE:** N.A.**MELTING POINT:** N.E.**VAPOR DENSITY:** N.A.**EVAPORATION RATE:** N.E.**SOLUBILITY IN WATER:** N.E.**ODOR THRESHOLD:** N.A.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**APPEARANCE AND ODOR:** White odorless powder**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N.A.**FLAMMABLE LIMITS:** N.E.**EXTINGUISHING MEDIA:** Water fog, foam, carbon dioxide, dry chemical**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus with full face piece and protective clothing.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Dust explosion hazard**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide, methyl methacrylate**SECTION 5 - REACTIVITY DATA****STABILITY:** Stable **Unstable** **POLYMERIZATION:** Will Not Occur **Will Occur** **CONDITIONS TO AVOID:** High heat; strong acids or alkalies**INCOMPATIBILITY (MATERIALS TO AVOID):** Strong acids or alkalies**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		X						
REPRODUCTIVE TOXIN		X						
CARCINOGENICITY		X						
SENSITIZER		X						

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SECTION 6 - HEALTH HAZARD DATA AND FIRST AID INFORMATION - continuedROUTES OF ENTRY: Inhalation Skin Ingestion**HEALTH HAZARD (Acute and Chronic):** Ingestion may cause nausea and vomiting. May cause eye irritation.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** N.E.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** N.E.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Remove victim to fresh air.**INGESTION:** Give one or two glasses of water to drink. If gastrointestinal symptoms develop, seek medical attention.**SKIN:** Wash with soap and water.**EYES:** Flush with water for 15 minutes. If redness, itching, or a burning sensation develops, seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Sweep up and recover or mix material with moist absorbent and shovel into waste container. Wash spill area with hot water and detergent.**WASTE DISPOSAL METHOD:** In accordance with local, state, federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store in a cool dry place; keep away from heat or open flame.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Minimize exposure in accordance with good hygiene practice. Use MSHA-NIOSH approved respirator for dusts, mists and fumes.**VENTILATION:** Local Exhaust: N.E. **Mechanical:** N.E. **Special:** N.E. **Other:** N.E.**PROTECTIVE GLOVES:** Disposable vinyl gloves**EYE PROTECTION:** Safety glasses**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station**WORK/HYGIENIC PRACTICE:** Follow safe hygiene practice.**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:** 20 February 2012**N.A. = NOT APPLICABLE****N.E. = NOT ESTABLISHED***The information herein is given in good faith. No warranty expressed or implied is made.***FIRE – 0****TOXICITY – 1****NFPA****REACTIVITY – 0****SPECIAL – OXY**

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COMMON NAME: COE-COMFORT LIQUID

CHEMICAL NAME: N.A.

PRODUCT USE: Dental tissue conditioner - Liquid component

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

SECTION 2 - HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

COMPONENT	C.A.S.	EXPOSURE LIMITS	LD50/LC50	%
Benzoyl Benzoate	120-51-4	N.E.	N.E.	60-70
Ethyl Alcohol	64-17-5	TWA=1000ppm (ACGIH) STEL=1000ppm (ACGIH)	N.E.	5-10

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 76°C/168.8°F

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: Clear liquid, sweet odor

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: 19°C/66.5°F (CC)

FLAMMABLE LIMITS: N.E.

EXTINGUISHING MEDIA: Dry chemical, carbon dioxide, alcohol foam

SPECIAL FIRE FIGHTING PROCEDURES: Wear self-contained breathing apparatus and protective clothing.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors may be heavier than air and may travel to ignition source and flash back.

HAZARDOUS COMBUSTION PRODUCTS: Carbon Dioxide, Carbon Monoxide

SECTION 5 - REACTIVITY DATA

STABILITY: Stable

Unstable

POLYMERIZATION: Will Not Occur

Will Occur

CONDITIONS TO AVOID: High heat, ignition sources, fire, severe oxidizing conditions.

INCOMPATIBILITY (MATERIALS TO AVOID): Nitric acid. Sulfuric acid. Strong oxidizing agents.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Carbon monoxide, Carbon dioxide.

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 Ingestion

HEALTH HAZARD (Acute and Chronic): Ingestion may cause nausea, vomiting, diarrhea, drowsiness, stupor cramps, loss of consciousness. Possible liver damage. Difficulty with speech. Central nervous system depression. May cause headache if inhaled. Dizziness, drowsiness can occur. Skin and eye irritation can occur.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Liver damage has been reported from high exposure that approaches the lethal level.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.E.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove to fresh air. If breathing is difficult give oxygen. Seek medical attention.

EYES: Flush eyes with water for at least 15 minutes. Get medical attention.

SKIN: Flush skin with water. Remove and wash contaminated clothing promptly. Seek medical attention if irritation develops.

INGESTION: If swallowed, induce vomiting. Seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Collect large spills for disposal. Flush small spills with water.

WASTE DISPOSAL METHOD: Observe all local, state and federal regulations.

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

SECTION 8 - CONTROL MEASURES

RESPIRATORY PROTECTION: Use an MSHA-NIOSH approved respirator.

VENTILATION: Local Exhaust: Mechanical: Special: Other:

PROTECTIVE GLOVES: Gloves are recommended.

EYE PROTECTION: Safety goggles

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station

WORK/HYGIENIC PRACTICE: Follow routine safe hygiene practice.

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: 18 July 2007

REVIEWED: 21 July 2010

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N.E. = NOT ESTABLISHED

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

NFPA

FIRE – 3

TOXICITY – 1

REACTIVITY – 0

SPECIAL –