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: PATTERN RESIN - POWDER
PATTERN RESIN LS - POWDER
CHEMICAL NAME: N.A.
PRODUCT USE: Patterns for tooth crowns, bridges, and partial denture framework (wax substitute).

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 Peroxide	94-36-0	TWA=5mg/m³ (ACGIH)	N.E.	1

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: N.E.
VAPOR PRESSURE: N.E.
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: Insoluble
COEFFICIENT OF OIL/WATER DISTRIBUTION: N.E.
SPECIFIC GRAVITY (H2O = 1): 1.0
MELTING POINT: N.E.
EVAPORATION RATE: N.E.
ODOR THRESHOLD: N.A.
APPEARANCE AND ODOR: Pink free flowing powder

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.E.
FLAMMABLE LIMITS: N.E.
EXTINGUISHING MEDIA: Water fog, carbon dioxide, dry chemical
SPECIAL FIRE FIGHTING PROCEDURES: Full protective equipment, including self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: Peroxides and decomposition products are flammable and can ignite with explosive force if confined.
HAZARDOUS COMBUSTION PRODUCTS: On decomposition, Benzoyl Peroxide can produce toxic and flammable vapors and Biphenyl (TLV=0.2ppm) Carbon dioxide, Carbon monoxide

SECTION 5 - REACTIVITY DATA

STABILITY: **Stable** ☒ **Unstable** ☐
POLYMERIZATION: **Will Not Occur** ☒ **Will Occur** ☐

CONDITIONS TO AVOID: Avoid excess heat.
INCOMPATIBILITY (Materials to Avoid): Strong acids, bases, oxidizing agents, aromatic tertiary amines.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None known

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						

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

ROUTES OF ENTRY: **Inhalation** ☒ **Skin** ☒ **Ingestion** ☒

HEALTH HAZARD (Acute and Chronic):

INHALATION: May cause irritation of the nose, throat, lungs.
INGESTION: May cause toxic affects.
SKIN: May cause irritation.
EYES: May cause irritation.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: Prolonged contact with eyes and skin may cause irritation. Inhalation may cause irritation of the nose, throat, and lungs. Ingestion may cause toxic affects.
CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: N.A.

EMERGENCY FIRST AID PROCEDURES:

INHALATION: Remove victim to fresh air. Seek medical attention.
INGESTION: Do not induce vomiting; give plenty of water. Seek medical attention.
SKIN: Wash with soap and water; rinse thoroughly.
EYES: Flush with water and seek medical attention.

SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

IN CASE OF RELEASE OR SPILL: Sweep up powder. Wash area with detergent and water.
WASTE DISPOSAL METHOD: Dispose of in compliance with local, state and federal regulations.
STORAGE, HANDLING, AND SPECIAL PRECAUTIONS: Store in a cool, dry place. Keep away from heat, open flames.

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:** As needed **Mechanical:** N.A. **Special:** N.A. **Other:** N.A.

PROTECTIVE GLOVES: Should not be necessary in powder form. When mixing with liquid component use disposable vinyl gloves.
EYE PROTECTION: Dust goggles
OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eyewash station
WORK/HYGIENIC PRACTICE: Follow routine safe hygiene practices.

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: 23 January 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 – 1	REACTIVITY – 1	SPECIAL– OXY