



MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****MANUFACTURER**

GC AMERICA INC.

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Transportation Emergency No. 800-424-9300

COMMON NAME: ALIKE POWDER - ALL SHADES**CHEMICAL NAME:** N.A.**PRODUCT USE:** Processing of dental temporary crowns and bridges - 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 | % |
|-----------------------|------------|---|-----------|------|
| Barium Silicate Glass | Not Listed | TLV - 10 mg/m ³ PEL - 15 mg/m ³ (ACGIH) | N.E. | 5-10 |
| Benzoyl Peroxide | 94-36-0 | TWA=5mg/m ³ (ACGIH) | N.E. | 1-5 |
| Dibutly Phthalate | 84-74-2 | TWA=5mg/m ³ (ACGIH) | N.E. | 7-13 |

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES**BOILING POINT:** N.E.**VAPOR PRESSURE:** N.E.**VAPOR DENSITY:** N.E.**SOLUBILITY IN WATER:** N.E.**COEFFICIENT OF OIL/WATER DISTRIBUTION:** N.E.**SPECIFIC GRAVITY (H₂O = 1):** = 2.56**MELTING POINT:** 1350°C**EVAPORATION RATE:** N.E.**ODOR THRESHOLD:** N.E.**APPEARANCE AND ODOR:** White to light brown free flowing powder**SECTION 4 - FIRE AND EXPLOSION DATA****FLASH POINT:** N.A.**FLAMMABLE LIMITS:****EXTINGUISHING MEDIA:** Not flammable, for surrounding fire use water fog, foam, dry chemical, carbon dioxide.**SPECIAL FIRE FIGHTING PROCEDURES:** Self-contained breathing apparatus with full face piece and protective clothing.**UNUSUAL FIRE AND EXPLOSION HAZARDS:** None known**HAZARDOUS COMBUSTION PRODUCTS:** Carbon Dioxide, Carbon Monoxide, Methyl Methacrylate**SECTION 5 - REACTIVITY DATA**

| | | |
|------------------------|-------------------------|-------------------|
| STABILITY: | Stable X | Unstable |
| POLYMERIZATION: | Will Not Occur X | Will Occur |

CONDITIONS TO AVOID: High heat**INCOMPATIBILITY (MATERIALS TO AVOID):** Hydrofluoric acid**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** None

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 | | | | | | | | |

ROUTES OF ENTRY: Inhalation X Skin X Ingestion X

HEALTH HAZARD (Acute and Chronic): Inhalation of dusts may be irritating to the upper respiratory tract.

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: For ingestion, give one or two glasses of water to drink. If gastrointestinal symptoms develop, seek medical attention.

SKIN: Wash skin with soap and water. If redness, itching, or a burning sensation develops, seek medication.

EYES: Flush eyes with plenty of water. If redness, itching, or a burning sensation develops, seek medication.

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. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.

VENTILATION: Local Exhaust: Yes Mechanical: N.E. Special: N.E. Other: N.E.

PROTECTIVE GLOVES: Impervious gloves

EYE PROTECTION: Safety glasses

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Eye wash 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

PREPARED BY: T. Joritz DATE: 13 June 2006
Director Regulatory Affairs

N.A. = NOT APPLICABLE

N.E. = NOT ESTABLISHED

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

FIRE – 0 TOXICITY – 1 NFPA REACTIVITY – 0 SPECIAL – OXY

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