

MIRACLE MIX - POWDER
MATERIAL SAFETY DATA SHEET**SECTION 1 - SOURCE/IDENTITY/USE INFORMATION****DISTRIBUTOR**

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: MIRACLE MIX - POWDER
MIRACLE MIX CAPSULES - POWDER

CHEMICAL NAME: N.A.

PRODUCT USE: Reinforced glass ionomer crown/core material - 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	%
Alumino-fluoro-silicate glass (amorphous)	Not listed	TLV=10mg/m ³ PEL=15mg/m ³ (ACGIH)	N.E.	100

SECTION 3 - PHYSICAL/CHEMICAL PROPERTIES

BOILING POINT: 101°C
VAPOR PRESSURE: N.E.
VAPOR DENSITY: N.E.
SOLUBILITY IN WATER: Insoluble
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: Very fine white powder

SECTION 4 - FIRE AND EXPLOSION DATA

FLASH POINT: N.A. **FLAMMABLE LIMITS:** N.A.
EXTINGUISHING MEDIA: Material is not combustible. Use extinguishing media appropriate to the surrounding area.
SPECIAL FIRE FIGHTING PROCEDURES: N.A.
UNUSUAL FIRE AND EXPLOSION HAZARDS: N.E.
HAZARDOUS COMBUSTION PRODUCTS: Carbon dioxide, carbon monoxide

SECTION 5 - REACTIVITY DATA

STABILITY: Stable Unstable
POLYMERIZATION: Will Not Occur Will Occur
CONDITIONS TO AVOID: Avoid high temperatures and humidity
INCOMPATIBILITY (Materials to Avoid): N.E.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: No decomposition if used or stored according to specifications.

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 - continuedROUTES OF ENTRY: Inhalation Skin Ingestion **HEALTH HAZARD (Acute and Chronic):** Dusts of silica glass is also a known cause of silicosis, a non-cancerous lung disease.**SIGNS AND SYMPTOMS OF OVEREXPOSURE:** Irritation and soreness in throat and nose.**CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:** May aggravate preexisting upper respiratory and lung disease.**EMERGENCY FIRST AID PROCEDURES:****INHALATION:** Remove to fresh air, drink water to clear throat and blow nose to evacuate dust.**INGESTION:** Ingestion may require medical assistance.**SKIN:** Wash with soap and water.**EYES:** Flush with large quantities of water. If irritation develops or persists seek medical attention.**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE****IN CASE OF RELEASE OR SPILL:** Avoid generating dust while sweeping. If an excessive amount of dust is generated use a filter equipped vacuum and MSHA/NIOSH approved mask.**WASTE DISPOSAL METHOD:** In accordance with local, state and federal regulations.**STORAGE, HANDLING, AND SPECIAL PRECAUTIONS:** Store at normal room temperatures and humidity.**SECTION 8 - CONTROL MEASURES****RESPIRATORY PROTECTION:** Minimize exposure to dust in accordance with good hygiene practice. If needed, use MSHA-NIOSH approved respirator for dusts, mists and fumes.**VENTILATION:** Local Exhaust: Yes Mechanical: Yes Special: N.A. Other: N.A.**PROTECTIVE GLOVES:** Disposable vinyl gloves recommended.**EYE PROTECTION:** Safety glasses**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Eyewash station**WORK/HYGIENIC PRACTICE:** Follow 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:** 08 January 2009**REVISED:** 29 February 2012**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 –**
