

## MATERIAL SAFETY DATA SHEET

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Number: E-2050 A (E)  
Date prepared: August 8, 2002  
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### 1. Chemical Product and Company Identification

**Product code:** -

**Product name:** GC Miracle Mix / Miracle Mix Capsule - Powder

**Manufacturer / Supplier:**

GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan  
Postal code 174-8585, Phone 81-3-3965-1388

### 2. Composition / Information on Ingredients

(% chemical components by WT)

Cement component

Alumino-silicate glass (CAS not listed) 100%

Alloy component

Silver (CAS 7440-22-4) 55

Tin (CAS 7440-31-5) 30

Copper (CAS 7440-50-8) 15

### 3. Hazards Identification

Emergency Overview:

Fine powders composed of Alumino-silicate glass and alloys. May cause irritation to eyes, skin, digestive tract and respiratory tract.

Potential Health Effects

Eye: May cause irritation.

Skin: May cause irritation

Ingestion: May cause irritation to digestive tract.

Inhalation: May cause irritation to respiratory tract.

### 4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes. If symptoms persist, get medical attention.

Skin: Immediately wash with water and soap and rinse thoroughly.

Ingestion: If symptoms persist, get medical attention.

Inhalation: In case of unconsciousness, place patient stably in side position for transportation.

### 5. Fire Fighting Measures

**Flammable Properties**

**Flash Point:** Not applicable.

**Flammable Limits:** Not applicable

**Auto Ignition Temperature:** Not applicable

**Hazardous Combustion Products:** Not known

**Extinguishing Media:** Chemical foam, carbon dioxide, and dry chemical

**Fire Fighting Instructions:** No special measures required.

### 6. Accidental Release Measures

**Measures for cleaning/collections:** Vacuum or sweep material and place in a disposal container. Ensure adequate ventilation.

## 7. Handling and Storage

### Handling:

**Information for safe handling:** No special measures required.

**Information for fire and explosion protection:** No special measures required.

**Storage:** Store in a cool place and protect from sunlight.

**Requirements to be met by storerooms and receptacles:** No special measures required.

**Further information about storage conditions:** Keep receptacle tightly sealed.

## 8. Exposure Controls, Personal Protection

### Respiratory Protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

**Skin Protection:** Protective gloves.

**Eye Protection:** Tightly sealed goggles.

**Exposure Guideline(s):** No data available.

**Engineering Controls:** No special controls are required.

## 9. Physical and Chemical Properties

**Appearance:** Light yellow powder.

**Odor:** Odorless

**Boiling Point:** No data

**Vapor Pressure:** Not determined.

**Vapor Density:** Not determined.

**Solubility in Water:** Not soluble.

**Specific Gravity:** No data

**Freezing Point:** No data

**pH:** No data

**Volatile:** Not applicable.

## 10. Stability and Reactivity

**Stability:** Stable

**Incompatibility:** Fluoro hydracid

**Hazardous Decomposition Products:** No dangerous decomposition products known.

**Hazardous Polymerization:** No dangerous polymerization known.

## 11. Toxicological Information

### Acute Toxicity:

**on the skin:** Irritant to skin and mucous membranes.

**on the eye:** Irritating effect.

**Additional toxicological information:** No special information on toxicology.

## 12. Ecological Information

No data are available on the adverse effects of this material on the environment.

## 13. Disposal Considerations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

It is recommended to consult local or state regulations regarding proper disposal.

## 14. Transport Information

**IMO Regulations:** Not IMO hazardous material

**ICAO and IATA Regulations:** Not ICAO/IATA hazardous material

## 15. Regulatory Information

According to the Japanese regulations or code, this material is not classified as a hazardous material.

It is recommended however to consult local regulations of the region or state to determine its identification.

**16. Other Information**

No specific notes available.

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