

## MATERIAL SAFETY DATA SHEET

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Number: D-0008-P(E)  
Date prepared: April 30, 2004  
Date revised: June 2, 2006

### 1. Chemical Product and Company Identification

**Product code:** -

**Product name:** Ostron 100 Powder

**Manufacturer / Supplier:**

GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan

Postal code 174-8585, Phone 81-3-3965-1388

**Australian supplier:**  
Henry Shein Halas Dental Co., Ltd.,  
Sydney – Head Office  
44 O'Dea Ave, Waterloo, NSW 2017  
Emergency Phone (02) 9697-6288  
Fax (02) 9697 6250

### 2. Composition / Information on Ingredients

(% chemical components by WT)

Polymethyl methacrylate (CAS 9011-14-7)

>99 %

Benzoylperoxide (CAS 94-36-0)

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### 3. Hazards Identification

**Emergency Overview:**

May cause eye and skin irritation. May cause respiratory and digestive tract irritation.

#### **Potential Health Effects**

**Eye:** May cause eye irritation.

**Skin:** May cause skin irritation.

**Ingestion:** May cause digestive tract irritation.

**Digestion:** May cause respiratory tract irritation.

### 4. First Aid Measures

**Eye:** Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention. .

**Skin:**

Flush skin with plenty of soap and water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention, if irritation develops and persists.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. If symptoms persist, get medical attention.

**Inhalation:** Supply fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen and get medical attention.

### 5. Fire Fighting Measures

**Flammable Properties**

**Flash Point:** Not applicable.

**Flammable Limits:** Not available.

**Auto Ignition temperature:** Not available.

## Ostron 100 Powder

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

**Fire Fighting Instructions:** As in any fire, wear full protective clothing and self-contained breathing apparatus in pressure-demand. During a fire, irritating and toxic gases may be generated by thermal decomposition or combustion.

## 6. Accidental Release Measures

Do not allow product to reach sewage system or any watercourse.

Inform respective authorities in case of seepage into watercourse or sewage system.

**Measure for cleaning/collecting:** Pick up mechanically, and place in a chemical waste container.

## 7. Handling and Storage

**Handling:** Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.

**Storage:** Store in room temperature. Keep away from heat and high humidity.

## 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 Limits:

	ACGIH	NIOSH	OSHA – Final PELs
Polymethyl methacrylate	None listed	None listed	None listed

**Engineering Controls:** Facilities storing utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate general or local exhaust ventilation to keep airborne concentrations below the permissible exposure limits.

## 9. Physical and Chemical Properties

**Appearance:** Mixture of powder in pink / white colour

**Odor:** Almost none

**Boiling Point:** Not available

**Vapor Pressure:** Not available

**Vapor Density:** Not available

**Solubility in Water:** Insoluble in water, swollen in alcohols

**Specific Gravity:** 1.18 g/cm<sup>3</sup>

**Freezing/Melting Point:** >150°C

**pH:** Not available

## 10. Stability and Reactivity

**Stability:** Stable under normal temperatures and pressures.

**Incompatibility:** Strong oxidizing agents, strong bases,

**Hazardous Decomposition Products:** Carbon dioxide and carbon monoxide, irritating and toxic fumes and gases.

**Polymerization:** Hazardous polymerization has not been reported.

## 11. Toxicological Information

**CAS# 9011-14-7**

**LD50/LC50:**

Not available

**Carcinogenicity:**

CAS# 9011-14-7: not listed by ACHIH, IARC, NTP or CA Prop 65

**Additional toxicological information:** No information available.

## 12. Ecological Information

No information available.

## 13. Disposal Considerations

Chemical waste generators must determine whether a discarded chemical is classified as a hazardous waste.

Disposal must be made according to state and local hazardous waste regulations

## 14. Transport Information

**IMO Regulations:** Not regulated as a hazardous material

**ICAO and IATA Regulations:** Not regulated as a hazardous material

## 15. Regulatory Information

CAS# 9011-14-7 is listed on the TSCA inventory.

## 16. Other Information

No specific notes available.

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