

MATERIAL SAFETY DATA SHEET

Number: D-0006-P(E)
Date prepared: July 17, 2001
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1. Chemical Product and Company Identification

Product code: -
Product name: Luxon 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 – 100%
(See section 8 for exposure guidelines)

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 irritation of the digestive tract.
Inhalation: May cause respiratory 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 symptoms occur.
Ingestion: Do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
Inhalation: Supply fresh air and be sure to get medical attention. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.

5. Fire Fighting Measures

Flammable Properties
Flash Point: Not applicable.
Flammable Limits: Not available
Auto Ignition temperature: Not available

Luxon - Powder

Extinguishing Media: Chemical foam, carbon dioxide, and dry chemical**Fire Fighting Instructions:** As in any fire, wear self-contained breathing apparatus in pressure-demand, and full protective gear. 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/cm³**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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