

GC Elite Cement 100 Powder

MATERIAL SAFETY DATA SHEET

Number: B-0001-P(E)**Date prepared: August 13, 2002****Date revised: December 20, 2010****Revised detail: Format Changed****1. Chemical Product and Company Identification****Product code: -****Product name: GC Elite Cement 100 Powder****Company Identification:****GC Corporation, 76-1 Hasunuma-Cho, Itabashi-Ku, Tokyo, Japan****Postal code 174-8585, Phone 81-3-3965-1388****Australian supplier:****Henry Schein Halas Dental Co., Ltd.,****Sydney – Head Office****44 O'Dea Ave, Waterloo, NSW 2017****Emergency Phone (02) 9697-6288 / 1300 658822****Fax (02) 9697 6250****New Zealand supplier:****Henry Schein Regional Ltd****23 William Pickering Drive****Albany, Auckland****Emergency Phone 0800 764 766****Fax 0800 808 555****2. Composition / Information on Ingredients**

(% chemical components by WT)

Zinc oxide (CAS 1314-13-2)

88%

Magnesium oxide (CAS 1309-48-4)

12

(See section 8 for exposure guidelines)

3. Hazards Identification

This material is hazardous according to health criteria of NOHSC Australia.

This material is not classified as Dangerous Goods as per ADG Code

Poison schedule (SUSDP): None

Hazard Classification

None

R/S Phrase

R42/43: May cause sensitization by inhalation and skin contact

S22: Do not breathe dust

S24: Avoid contact with skin

S37: Wear suitable gloves

S45: In the case of accident or if you feel unwell, seek medical advice immediately

4. First Aid Measures

Eyes:

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.

Ingestion: Do not induce vomiting. Give plenty of water. Get medical attention if necessary.

Inhalation:

Remove from exposure to fresh air immediately. If breathing is difficult, give oxygen. Get medical

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aid.

5. Fire Fighting Measures

Flammable Properties

Flash Point: Not flammable/not combustible

Flammable Limits: Not applicable

Auto Ignition Temperature: Not applicable

Hazardous Combustion Products: Non

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

Fire Fighting Instructions: Use most appropriate to extinguish surrounding fire.

6. Accidental Release Measures

Vacuum or sweep up material and place into a suitable disposable container.

7. Handling and Storage

Handling: Keep container tightly closed when not in use.

Storage:

Store in room temperature (4-25°C). Keep away from heat and high humidity. Use with adequate ventilation.

Minimize dust generation and accumulation.

8. Exposure Controls, Personal Protection

Respiratory Protection: Use a NIOSH or European standard approved respirator when necessary.

Skin Protection: Use protective gloves.

Eye Protection: Use tightly sealed goggles.

Exposure Guideline(s):

OSHA PEL: 15mg/M3 ACGIH TLV: 5mg/M3

Engineering Controls: Use adequate general or local exhaust ventilation.

9. Physical and Chemical Properties

Appearance: Light Yellow fine powder

Odor: Odorless

Melting Point: 1800 C

Vapor Pressure: No data

Vapor Density: No data

Solubility in Water: Slightly miscible

Specific Gravity: 5.68

Freezing Point: No data

pH: No data

Volatile: Not applicable

10. Stability and Reactivity

Stability: Stable

Incompatibility: React with Magnesium when heated.

Hazardous Decomposition Products: Non

Hazardous Polymerization: Non

11. Toxicological Information

Zinc oxide (CAS 1314-13-2)

LC50: 2500 mg/M3 Inhalation, mouse

LD50: 7950 mg/kg Oral mouse

Additional toxicological information:

Epidemiology, teratogenicity, reproductive effect, neurotoxicity, mutagenicity, other studies:

No data available

12. Ecological Information

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

13. Disposal Considerations

Dispose of in a manner consistent with federal, state, and local regulations.

14. Transport Information

IMO Regulations: Not IMO hazardous material

ICAO and IATA Regulations: Not ICAO/IATA hazardous material

15. Regulatory Information

Not available

16. Other Information

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