

Coecal

**MATERIAL SAFETY DATA SHEET**

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**Number:****Date prepared:** January 11, 2011**Date Revised:****1. Chemical Product and Company Identification****Product code:** -**Product name:** Coecal**Company Identification:**GC America Inc., 3737 W. 127<sup>th</sup> Street, Alsip, IL 60803

Phone 1-708-597-0900

**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/Data on Components****· Chemical characterization****· Description:***Mixture of the substances listed below with nonhazardous additions.**Mixture: consisting of the following components.***· Dangerous components:**

CAS: 26499-65-0

Plaster of Paris 95%

CAS: 14808-60-7

Crystalline Silica 5%

**3. Hazards Identification****· Information pertaining to particular dangers for man and environment:***The product does not have to be labeled due to the calculation procedure of international guidelines.***· Classification system:****· NFPA ratings (scale 0 - 4)**

Health = 0

Fire = 0

Reactivity = 0

**· HMIS-ratings (scale 0 - 4)**

Health = 0

Fire = 0

Reactivity = 0

**4. First Aid Measures****· General information:** No special measures required.**· After inhalation:** Supply fresh air; consult doctor in case of complaints.**· After skin contact:** Wash with water.**· After eye contact:** Rinse opened eye for several minutes under running water.**· After swallowing:** Plaster hardens when wetted and, if ingested, may result in obstruction. Seek medical attention.**5. Fire Fighting Measures****· Suitable extinguishing agents:**CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.**· Protective equipment:** No special measures required.

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**6. Accidental Release Measures**

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

**7. Handling and Storage**

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

**8. Exposure Controls and Personal Protection**

- **Components with limit values that require monitoring at the workplace:**

**14808-60-7 Crystalline Silica**

PEL ()

REL () 0.05\* mg/m<sup>3</sup> \*respirable dustTLV () 0.025 R mg/m<sup>3</sup>

- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:** Not required.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.
- **Eye protection:** Safety goggles recommended.

**9. Physical and Chemical Properties****General Information****Form:** Powder**Color:** White to tan**Odor:** Characteristic**Change in condition****Melting point/Melting range:****Boiling point/Boiling range:** 1450°C (decomposes)· **Flash point:** Not applicable.· **Auto igniting:** Product is not self-igniting.· **Danger of explosion:** Reduction of Plaster of Paris at high temperature caused explosion. Contact with Diazomethane vapor generates heat which can lead to detonation.· **Hazardous combustion products:** Above 1450°C evolves calcium oxide and sulfur dioxide.**10. Stability and Reactivity****General notes:**

Water hazard class 1 (Self-assessment): slightly hazardous for water

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

· **Conditions to avoid:** Moisture (will affect usability of product)**11. Toxicological Information****Health Hazard:** May cause eye irritation. When wet may develop sufficient heat to cause burns if a large mass, such as a cast of a hand or arm, is kept in contact with skin while hardening. Inhalation may cause respiratory irritation. Ingestion may cause obstruction due to setting reaction.· **California Prop 65 warning:** This product contains crystalline silica, a chemical known to the state of California to cause cancer.

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**13. Disposal Considerations**

- **Recommendation:** Disposal must be made according to official regulations.

**14. DOT regulations:**

- **Hazard class:** -
- **Land transport ADR/RID (cross-border):**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15. Regulations**

- **Sara**
- **Section 355 (extremely hazardous substances):**  
None of the ingredient is listed.
- **Section 313 (Specific toxic chemical listings):**  
None of the ingredients is listed.
- **TSCA (Toxic Substances Control Act):**  
14808-60-7 crystalline silica
- **Proposition 65**
- **Chemicals known to cause cancer:**  
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for females:**  
None of the ingredients is listed.
- **Chemicals known to cause reproductive toxicity for males:**  
None of the ingredients is listed.
- **Chemicals known to cause developmental toxicity:**  
None of the ingredients is listed.
- **Carcinogen categories**
- **EPA (Environmental Protection Agency)**  
None of the ingredients is listed.
- **IARC (International Agency for Research on Cancer)**  
14808-60-7 crystalline silica
- **NTP (National Toxicology Program)**  
14808-60-7 crystalline silica
- **TLV (Threshold Limit Value established by ACGIH)**  
14808-60-7 crystalline silica
- **MAK (German Maximum Workplace Concentration)**  
14808-60-7 crystalline silica
- **NIOSH-Ca (National Institute for Occupational Safety and Health)**  
14808-60-7 crystalline silica
- **OSHA-Ca (Occupational Safety & Health Administration)**  
None of the ingredients is listed.
- **Product related hazard information:**  
Observe the general safety regulations when handling chemicals.  
The product is not subject to identification regulations according to directives on hazardous materials.