

Coe-Pak Base

**MATERIAL SAFETY DATA SHEET**

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**Number:****Date prepared:** January 10, 2011**Date Revised:****1. Chemical Product and Company Identification****Product code:** -**Product name:** Coe-Pak Base**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: 8009-03-8

EINECS: 232-373-2

Petrolatum - Danger: 3.6/1B 2.2%

CAS: 89-68-9

EINECS: 201-930-1

6-chlorothymol - Warning: 3.2/2 2.0%

CAS: 64-17-5

EINECS: 200-578-6

ethyl alcohol - Danger: 2.6/2 1.235%

**3. Hazards Identification****· Hazard description:**

Irritant

**· Information pertaining to particular dangers for man and environment:**

The product has to be labeled due to the calculation procedure of international guidelines.

Irritating to eyes.

**· Classification system:**

The classification was made according to the latest editions of international substances lists, and expanded upon from company and literature data.

**· NFPA ratings (scale 0 - 4)**

Health = 1

Fire = 0

Reactivity = 0

**· HMIS-ratings (scale 0 - 4)**

Health = 1

Fire = 0

Reactivity = 0

**· GHS label elements****Warning**

3.3/2A - Causes serious eye irritation.

## Coe-Pak Base

**· Prevention:**

*Wash thoroughly after handling.*

*Wear protective gloves/protective clothing/eye protection/face protection.*

**· Response:**

*IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.*

**4. First Aid Measures**

**· After inhalation:** *Supply fresh air; consult doctor in case of complaints.*

**· After skin contact:** *Generally the product does not irritate the skin.*

**· After eye contact:** *Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.*

**· After swallowing:** *If symptoms persist consult doctor.*

**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.*

**6. Accidental Release Measures**

**· Person-related safety precautions:** *Not required.*

**· Measures for environmental protection:** *Dilute with plenty of water. Do not allow to enter sewers/surface or ground water.*

**· Measures for cleaning/collecting:** *Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).*

*Ensure adequate ventilation.*

**7. Handling and Storage****· Handling:**

**· Information for safe handling:** *Ensure good ventilation/exhaustion at the workplace. Prevent formation of aerosols.*

**· 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:** *Keep receptacle tightly sealed.*

**8. Exposure Controls and Personal Protection**

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

**64-17-5 ethyl alcohol**

PEL () 1900 mg/m<sup>3</sup>, 1000 ppm

REL () 1900 mg/m<sup>3</sup>, 1000 ppm

TLV () Short-term value: 1880 mg/m<sup>3</sup>, NIC-1000 ppm

Long-term value: 1880 mg/m<sup>3</sup>, 1000 ppm

NIC-A3

**· Personal protective equipment:**

**· General protective and hygienic measures:** *Keep away from foodstuffs, beverages and feed.*

*Immediately remove all soiled and contaminated clothing. Wash hands before breaks and at the end of work. Avoid contact with the eyes and skin.*

**· Breathing equipment:**

*In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.*

**· Protection of hands:**

*The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.*

**· Eye protection:**

*Tightly sealed goggles*

**9. Physical and Chemical Properties**

**· General Information**

## Coe-Pak Base

**Form:** Fluid

**Color:** Pink

**Odor:** Characteristic

· **Change in condition**

**Melting point/Melting range:** Undetermined.

**Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.

· **Auto igniting:** Product is not self-igniting.

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density:** Not determined.

· **Solubility in / Miscibility with**

**Water:** Fully miscible.

· **Solvent content:**

**Organic solvents:** 1.3 %

**Water:** 1.3 %

**VOC content:** 1.3 %

· **Solids content:** 94.0 %

## 10. Stability and Reactivity

· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

· **Dangerous reactions** No dangerous reactions known.

· **Dangerous products of decomposition:** No dangerous decomposition products known.

## 11. Toxicological Information

· **Acute toxicity:**

· **Primary irritant effect:**

· **on the eye:** Irritating effect.

· **Sensitization:** No sensitizing effects known.

· **Additional toxicological information:**

When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

The product shows the following dangers according to internally approved calculation methods for preparations: Irritant

## 12. Ecological Information

· **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.

## 13. Disposal Considerations

· **Product:**

· **Recommendation:** Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

· **Uncleaned packaging:**

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

· **Recommended cleansing agent:** Water, if necessary with cleansing agents.

## 14. Transport Information

· **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:** -

· **UN "Model Regulation":** -

Coe-Pak Base

**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):**

143-07-7 Lauric acid

8023-89-0 Natural gum

9004-57-3 Ethyl cellulose

8009-03-8 Petrolatum

89-68-9 6-chlorothymol

7732-18-5 Distilled water

64-17-5 ethyl alcohol

8015-86-9 Carnauba wax

557-34-6 Zinc acetate

8008-79-5 Spearmint (flavoring)

544-63-8 Tetradecanoic acid

334-48-5 Decanoic acid

**· 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:**

64-17-5 ethyl alcohol

**· Cancerogenity categories****· EPA (Environmental Protection Agency)***None of the ingredients is listed.***· IARC (International Agency for Research on Cancer)***None of the ingredients is listed.***· NTP (National Toxicology Program)***None of the ingredients is listed.***· TLV (Threshold Limit Value established by ACGIH)**

64-17-5 ethyl alcohol A4

**· MAK (German Maximum Workplace Concentration)**

143-07-7 Lauric acid 3A

64-17-5 ethyl alcohol 5

**· NIOSH-Ca (National Institute for Occupational Safety and Health)***None of the ingredients is listed.***· 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 has been classified and marked in accordance with directives on hazardous materials.***· Hazard symbols:***Irritant***· Risk phrases:***Irritating to eyes.***· Safety phrases:***Keep out of the reach of children.**Do not breathe gas/fumes/vapour/spray.**Avoid contact with eyes.**In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.**If swallowed, seek medical advice immediately and show this container or label.*

## Coe-Pak Base

*Dispose of this material and its container at hazardous or special waste collection point*

· **National regulations:**

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

*ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)*

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the*

*International Transport of Dangerous Goods by Rail)*

*IMDG: International Maritime Code for Dangerous Goods*

*DOT: US Department of Transportation*

*IATA: International Air Transport Association*

*IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)*

*ICAO: International Civil Aviation Organization*

*ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)*

*GHS: Globally Harmonized System of Classification and Labeling of Chemicals*

*ACGIH: American Conference of Governmental Industrial Hygienists*

*NFPA: National Fire Protection Association (USA)*

*HMIS: Hazardous Materials Identification System (USA)*

*VOC: Volatile Organic Compounds (USA, EU)*