

MATERIAL SAFETY DATA SHEET

Number: A-0012-L (E)
Date prepared: August 8, 2002
Date Revised: May 31, 2006

1. Chemical Product and Company Identification

Product code: -

Product name: GC Fuji Ortho - Liquid

Manufacturer / Supplier:

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

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

<p>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</p>

2. Composition / Information on Ingredients

(% chemical components by WT)

Distilled water (CAS# 7732-18-5) 20 - 30%

Polyacrylic acid (CAS# 9003-01-04) 20 - 30

2-Hydroxyethylmethacrylate (CAS# 868-77-9) 25 - 35

Urethanedimethacrylate (CAS#72869-86-4) 5 – 10

3. Hazards Identification

<p>Emergency Overview: Odorless, light yellow liquid. May cause irritation to eyes, skin, digestive tract.</p>

Potential Health Effects

Eye: May cause irritation.

Skin: May cause irritation

Ingestion: May cause irritation to digestive tract.

Inhalation: No hazard in normal industrial use.

4. First Aid Measures

Eyes: Flush eyes with plenty of water for at least 15 minutes. If symptoms persist, get medical attention.

Skin: Immediately wash with water and soap and rinse thoroughly.

Ingestion: If symptoms persist, get medical attention.

Inhalation: Supply fresh air and get medical attention if symptoms persist.

5. Fire Fighting Measures

Flammable Properties

Flash Point: 97 °C

Flammable Limits: Not determined.

Auto Ignition Temperature: Not applicable

Hazardous Combustion Products: Not known

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

Fire Fighting Instructions: No special measures required.

6. Accidental Release Measures

Measures for environmental protection: Do not flush to sewer.

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

7. Handling and Storage

Handling:

Information for safe handling: No special measures required.

Information for fire and explosion protection: No special measures required.

Storage:

Requirements to be met by storerooms and receptacles: No special measures required.

Further information about storage conditions: Keep receptacle tightly sealed.

8. Exposure Controls, Personal Protection

Respiratory Protection: Not required.

Skin Protection: Protective gloves.

Eye Protection: Tightly sealed goggles.

Exposure Guideline(s): No data available.

Engineering Controls: No special controls are required.

9. Physical and Chemical Properties

Appearance: Light yellow liquid.

Odor: Odorless

Boiling Point: 205 °C

Vapor Pressure: Not determined.

Vapor Density: Not determined.

Solubility in Water: Difficult to mix.

Specific Gravity: No data

Freezing Point: No data

pH: 1.9 at 20°C

Volatility: Not determined.

10. Stability and Reactivity

Stability: Stable

Incompatibility: Non

Hazardous Decomposition Products: No dangerous decomposition products known.

Hazardous Polymerization: No dangerous polymerization known.

11. Toxicological Information

Acute Toxicity:

on the skin: Irritant to skin and mucous membranes.

on the eye: Irritating effect.

Additional toxicological information: No special information on toxicology.

12. Ecological Information

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

13. Disposal Considerations

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

It is recommended to consult local or state regulations regarding proper disposal.

14. Transport Information

IMO Regulations: Not IMO hazardous material

ICAO and IATA Regulations: Not ICAO/IATA hazardous material

15. Regulatory Information

According to the Japanese regulations or code, this material is not classified as a hazardous material.

It is recommended however to consult local regulations of the region or state to determine its identification.

16. Other Information

No specific notes available.

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