

Patterson Companies, Inc.

Patterson Dental Supply Product Code:
0869040, 70869057, 70869073, 70869107, 70869149

SECTION 1 : CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MSDS Name: Glacier; LC-33; LC-1000; LC-MP And Wave

Manufacturer Name: Patterson Companies, Inc.

Address:

1031 Mendota Heights Road
St. Paul, MN 55120

Contact Phone- 800.424.9300

Business Phone: (716)-597-0214, 1-800-890-7935

Business Fax: 716-597-0217

For information in North America, call: (716)-597-0214, 1-800-890-7935

Manufacturer MSDS Revision Date: 28.02.2000

Revision: 1

Distributor Name: Patterson Companies, Inc.

Distributor Address:

5-9 Brunsdon Street, Bayswater
Victoria, 3153, Australia

Emergency Information:

Technical Manager - Polymers

Tel: +613 9729 9088

MATERIAL SAFETY DATA SHEET
(according to 93/112/EEC)

SECTION 2 : COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Name

Acrylic monomer % Weight

18 - 35

Risk Phrases:

R36/37/38

Chemical Name

Butylated hydroxy toluene CAS#

128-37-0 % Weight

0.01

Risk Phrases:

R36/37

Chemical Name

Inorganic filler (silica) % Weight

65 - 82

Risk Phrases:

R37

Chemical Name

*Sodium fluoride CAS#

7681-49-4 % Weight

0.01

Comments:

* Applicable to WAVE only

SECTION 3 : HAZARDS IDENTIFICATION

Applies to All Ingredients:

Potential Health Effects:

Eye Contact:

Possible irritant, R36

Skin Contact:

Possible irritant, R38

Inhalation:

Possible irritant, R37

Ingestion:

Slightly toxic. May cause gastric irritation.

Undesired effects:

In isolated cases, contact allergies have been reported with composites.

SECTION 4 : FIRST AID MEASURES

Eye Contact:

Flush opened eye with running water for at least 5 minutes. Seek medical attention.

Skin Contact:

Remove contaminated clothing. Wash skin with soap and water. In case of allergic reaction, seek medical attention.

Ingestion:

Seek medical attention.

SECTION 5 : FIRE FIGHTING MEASURES

Fire:

Flammable: Not established.

Autoflammability: Do not self ignite.

Explosion:

Explosive properties: Do not present an explosion hazard.

Flash Point:

Not established.

Extinguishing Media:

Sand, chemical foam, carbon dioxide, dry chemicals.

Protective Equipment:

Special: No special measures required for small quantity (less than 1 kg). For large quantity, wear approved respirator and protective gear. Use water spray to cool container.

Unusual Fire Hazards:

Hazards: Heat can cause polymerization with rapid release of energy which may melt the container.

SECTION 6 : ACCIDENTAL RELEASE MEASURES

Personal Precautions:

Not required.

Spill Cleanup Measures:

Scoop up bulk material and transfer to containers for disposal.

Environmental Precautions:

Prevent any spillage from entering waterways, drains or sewage system.

SECTION 7 : HANDLING and STORAGE

Handling:

Replace caps immediately after use.

Storage:

Store in a cool place at temperatures between 20 deg C and 25 deg C (50 deg - 77 deg F). Keep out of direct light.

Hygiene Practices:

Follow good housekeeping practices and good industrial hygiene in handling this material. Remove any naked lights or strong heat sources.

SECTION 8 : EXPOSURE CONTROLS, PERSONAL PROTECTION

Hand Protection Description:

Rubber or PVC gloves.

Eye/Face Protection:

Not absolutely necessary

Respiratory Protection:

Work in a well ventilated area.

General safety and hygiene measures: Follow good housekeeping practices and good industrial hygiene in handling this material. Remove any naked lights or strong heat sources.

SECTION 9 : PHYSICAL AND CHEMICAL PROPERTIES

Physical State/Appearance:

Viscous/flowable paste.

Color:

Tooth coloured

Odor:

Ester like.

Vapor Pressure:

(@ 20 deg C): 0 mbar

Boiling Point:

Gel before boiling.

Melting Point:

Not established.

Solubility:

Insoluble in water.

Specific Gravity:

1.5 - 2.0

Density:

Relative: Not established.

Flashpoint:

Not established.

Flash point: Not established.

Flammable: Not established.

Autoflammability: Do not self ignite.

Explosive properties: Do not present an explosion hazard.

Oxidizing properties: Not established.

SECTION 10 : STABILITY AND REACTIVITY

Chemical Stability:

Stable under normal conditions.

Conditions to Avoid:

Avoid heat, ignition sources, aging, contamination and intense visible light.

Incompatibilities with Other Materials:

Free radical formers, e.g. peroxides, reducing substances and/or heavy metals ions.

Hazardous Polymerization:

Hazardous reactivity: Heat and intense light can cause polymerization. Spontaneous polymerization may occur in the presence of radical formers. May polymerize under these conditions with heat evolution.

Hazardous Decomposition Products:

None under normal conditions, oxides of carbon when burned.

SECTION 11 : TOXICOLOGICAL INFORMATION

Applies to All Ingredients:

Acute Health Effects:

Irritating to skin, eye and mucous membrane.

Sensitization:

No sensitizing effect known. In isolated cases contact allergies have been reported.

SECTION 12 : ECOLOGICAL INFORMATION

Ecological Paragraph:

Self assessment: Slightly hazardous for water. Do not allow large quantities to reach sewage system and waterways.

SECTION 13 : DISPOSAL CONSIDERATIONS

Waste Disposal:

Dispose of in accordance with local official regulations.

SECTION 14 : TRANSPORT INFORMATION

IATA Class:

Not applicable.

RID/ADR: (Cross-border):

ADG Code class: Not applicable.

RID/ADR Class:

Not applicable.

CGVS/GGVE/IMDG Class: Not applicable.

ICAO class:

Not applicable.

SECTION 15 : REGULATORY INFORMATION

Applies to all ingredients:

European Community Chemical Inventory Status:

These products have been classified and labelled in accordance with EU Directives/Ordinance on hazardous Materials.

Toxicological code classified in accordance to EU Guidelines: Xi

Risk Phrases:

36/37/38: Irritating to eyes, respiratory system and skin.

Safety Phrase:

26/28: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with soap and water.

National regulations:

Slightly hazardous to water (Self assessment).

SECTION 16 : ADDITIONAL INFORMATION

MSDS Revision Date:

28.02.2000

Revision: 1

MSDS Author:

Prepared by: Southern Dental Industries Ltd.

5-9 Brunson Street, Bayswater

Victoria, 3153, Australia

Phone Number: +613 9729 9088

Department issuing MSDS: Research and Development

Contact: Technical Manager - Polymers

Disclaimer:

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

Copyright:

Copyright - Southern Dental Industries Limited. 1997-1998.

Please Note: No portion of this web site may be copied, distributed, manipulated or posted without prior written consent from Southern Dental Industries Limited. Use of this web site indicates understanding of this statement.
ALL RIGHTS RESERVED.