

MATERIAL SAFETY DATA SHEET

Number: 03-2-029-(1)-E
Date prepared: May 29, 2001
Date revised: December 20, 2010
Revised detail: Format Changed

1. Chemical Product and Company Identification

Product code: -
Product name: Pattern Resin - 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)

Polymethyl methacrylate (CAS 9011-14-7)	99-100%
Benzoyl peroxide (94-36-0)	<0.1

(See section 8 for exposure guidelines)

3. Hazards Identification

This material is not 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

R37: Irritating to respiratory system.
R43: May cause sensitisation by skin contact.
S24: Avoid contact with skin.
S37: Wear suitable gloves.

4. First Aid Measures

Eyes: Immediately 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. Get medical attention, if irritation persists.

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

Inhalation: In case of unconsciousness place patient stably in side position for transportation. Supply fresh air and get medical attention if necessary.

5. Fire Fighting Measures

Flammable Properties

Flash Point: Not applicable.

Flammable Limits: No data

Auto Ignition temperature: No data

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

Fire Fighting Instructions: Use normal protective equipment.

6. Accidental Release Measures

Do not allow product to reach sewage system or any watercourse.

Inform respective authorities in case of seepage into watercourse or sewage system.

Measure for cleaning/collecting: Pick up mechanically, and place in a chemical waste container.

7. Handling and Storage

Handling: No special measures are required.

Storage: Store in room temperature. Keep away from heat and high humidity.

8. Exposure Controls, Personal Protection

Respiratory Protection:

In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

Skin Protection: Protective gloves

Eye Protection: Tightly sealed goggles

Exposure Guideline(s):

OSHA Vacated PELs:

Poly Methylmethacrylate

No OSHA Vacated PELs are listed for this chemical.

Engineering Controls: No special controls required.

9. Physical and Chemical Properties

Appearance: Mixture of small particles of red and white

Odor: Almost none

Boiling Point: No data

Vapor Pressure: Not applicable

Vapor Density: Not applicable

Solubility in Water: Insoluble

Specific Gravity: 1.18

Freezing/Melting Point: >150°C

pH: No data

Volatile: No data

10. Stability and Reactivity

Stability: Stable

Incompatibility: Not known

Hazardous Decomposition Products: No decomposition if used according to instructions.

Polymerization: Hazardous polymerization has not been reported.

11. Toxicological Information

Acute toxicity:

LD50/LC50: No data

Primary irritant effect: No data

Carcinogenicity: Polymethylmethacrylate

ARC: Group 3 carcinogen

Additional toxicological information:

Pattern Resin - Powder

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparation as issued in the latest version, and no more information is available about its toxicity.

12. Ecological Information

Generally not hazardous for water.

13. Disposal Considerations

Disposal must be made according to the local official regulations.

14. Transport Information

IMO Regulations: Not found

ICAO and IATA Regulations: Not found

15. Regulatory Information

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials.

No more information is available.

16. Other Information

No specific notes available.

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