

1 Identification

Product identifier

Trade name: 84A1 - Acrymed Poly

Recommended use and restrictions on use

General use: For orthopedic procedures, for producing finger nails and toenails
Reserved for industrial and professional use.

Initial supplier identifier

Company name: Otto Bock HealthCare Canada Ltd.

Street/POB-No.: 5470 Harvester Road

Postal code, city: Burlington, ON L7L 5N5, CA
Canada

WWW: www.ottobock.ca

Email: info.canada@ottobock.com

Telephone: (800) 665-3327

Telefax: (800) 463-3659

Department responsible for information:

Mark Agro, Telephone: (800) 665-3327 (9 am - 5 pm)

Additional information:

Corporate headquarters:
Ottobock SE & Co. KGaA
Max-Näder-Straße 15
Duderstadt
Germany

Emergency telephone number

COLLECT, Telephone: (613) 996-6666

2 Hazard identification

Classification

This mixture is classified as not hazardous.

Information elements

Symbols: not applicable

Hazard statements: not applicable

Precautionary statements: not applicable

Other hazards known to the supplier with respect to the product

3 Composition/Information on ingredients

Mixture

Chemical name: Polymethyl methacrylate

4 First-aid measures

Description of necessary first-aid measures

In case of inhalation: Provide fresh air.

In case of swallowing: Rinse mouth and drink large quantities of water.

In case of skin contact: Thoroughly wash skin with soap and water.

In case of eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. In case of troubles or persistent symptoms, consult an ophthalmologist.

Most important symptoms and effects, whether acute or delayed

After eye contact: mild irritant

Indication of immediate medical attention and special treatment needed, if necessary

Treat symptomatically.

5 Fire-fighting measures

Suitable and unsuitable extinguishing media

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder, carbon dioxide.

Unsuitable extinguishing media:

Full water jet

Specific hazards arising from the product

In case of fire may be liberated: Gases/vapours (flammable), carbon monoxide and carbon dioxide.

Special protective equipment and precautions for fire-fighters

Wear self-contained breathing apparatus.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

Provide fresh air. Do not breathe dust.

Methods and material for containment and cleaning up

Take up mechanically, placing in appropriate containers for disposal.

Additional information:

Special danger of slipping by leaking/spilling product.

7 Handling and storage

Precautions for safe handling

Advices on safe handling: Provide adequate ventilation. Do not breathe dust.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:

Keep only in the original container. Keep container tightly closed.

Store at temperatures not exceeding 30 °C/86 °F.

8 Exposure controls/Personal protection

Control parameters

Appropriate engineering controls

Provide adequate ventilation.

Individual protection measures, such as personal protective equipment

Respiratory protection: With the formation of dust, use a dust mask.

Hand protection: If necessary: protective gloves according to OSHA Standard - 29 CFR: 1910.138

Eye protection: Tightly sealed goggles according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2010

General hygiene considerations:

Do not breathe dust.

Avoid generation of dust.

Wash hands before breaks and after work.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

9 Physical and chemical properties

Information on basic physical and chemical properties

Physical state at 20 °C and 101.3 kPa Form: solid, powder

Colour: transparent

Odour: weak

Odour threshold: No data available

Melting point and freezing point: No data available

Boiling point or initial boiling point and boiling range: No data available

Flammability: No data available

Lower and upper explosion limit or lower and upper flammability limit: No data available

Flash point/flash point range: No data available

Evaporation rate: No data available

Auto-ignition temperature: No data available

Decomposition temperature: >240 °C

pH: No data available

Water solubility: insoluble

Partition coefficient — n-octanol/water: No data available

Vapour pressure: No data available

Density and/or relative density at 20 °C: 1.10 - 1.18 g/cm³

Vapour density: No data available

Particle characteristics: Not applicable

Additional information

Additional information: No data available

10 Stability and reactivity

Reactivity: refer to section 10.3

Chemical stability: Product is stable under normal storage conditions.

Possibility of hazardous reactions:
No dangerous reactions are known.

Conditions to avoid: No data available

Incompatible materials: None known

Hazardous decomposition products:
Gases/vapours, flammable
In case of fire may be liberated: carbon monoxide and carbon dioxide

11 Toxicological information

Information on the likely routes of exposure

No data available

Health hazard information

Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Serious eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

Symptoms

After eye contact: mild irritant

General remarks

IARC: Not classifiable as human carcinogen (Group 3)

12 Ecological information

Ecotoxicity

Further details: No data available

Persistence and degradability

Further details: No data available

Bioaccumulative potential

Partition coefficient — n-octanol/water:

No data available

Mobility in soil

No data available

Other adverse effects

General information: Do not allow to penetrate into soil, waterbodies or drains.

13 Disposal considerations

Waste treatment methods

Product

Recommendation: May be taken to household waste disposal or incineration plant, but care for official regulations.

Package

Recommendation: Incinerate according to applicable local, state and federal regulations.
Non-contaminated packages may be recycled.

14 Transport information

UN number

TDG, IMDG, IATA-DGR: not applicable

UN proper shipping name

TDG, IMDG, IATA-DGR: Not restricted

Transport hazard class

TDG, IMDG, IATA-DGR: not applicable

Packing group

TDG, IMDG, IATA-DGR: not applicable

Environmental hazards

Marine pollutant: no

Special precautions in connection with transport or conveyance either within or outside the premises

Canada: Transportation of Dangerous Goods (TDG)

Shipping name: Not restricted

Sea transport (IMDG)

Proper shipping name: Not restricted

Marine pollutant: no

Air transport (IATA)

Proper shipping name: Not restricted

Further information

No dangerous good in sense of these transport regulations.

15 Regulatory information

National regulations - Canada

No data available

Further regulations, limitations and legal requirements

No data available

16 Other information

Revision date: 17/12/2025

Date of first version: 14/8/2008

Reason of change: General revision: Safety Data Sheet according to Hazardous Products Regulations (HPR) 2022

General revision: Safety Data Sheet according to HCS 2024 (29 CFR 1910.1200)

Abbreviations and acronyms:

AS/NZS: Australian Standards/New Zealand Standards

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level

DNEL: Derived no-effect level

EC: European Community

EmS: Emergency Response Procedures for Ships Carrying Dangerous Goods

EN: European Standard

EQ: Excepted quantities

IATA: International Air Transport Association

IATA-DGR: International Air Transport Association – Dangerous Goods Regulations

IBC Code: International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk

IMDG Code: International Maritime Dangerous Goods Code

IMO: International Maritime Organization

MARPOL: Maritime Pollution: The International Convention for the Prevention of Pollution from Ships

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no-effect concentration

TDG: Transportation of Dangerous Goods Regulation in Canada

TRGS: Technical Rules for Hazardous Substances

vPvB: Very persistent and very bioaccumulative

Department issuing data sheet

Contact person: see section 1: Department responsible for information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of revision. It does not represent a guarantee for the properties of the product described in terms of the legal warranty regulations.