

1 Identification

Product identifier

Trade name: 86T1 - Modeling Wax

Recommended use and restrictions on use

General use: hydrocarbon waxes for modeling for orthopedic procedures
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: A mixture of hydrocarbon waxes

4 First-aid measures

Description of necessary first-aid measures

In case of skin contact: After contact with molten product, cool skin area rapidly with cold water. Seek medical treatment in case of troubles.

In case of eye contact: If burned by hot product, quench immediately with cold tap water. Subsequently consult an ophthalmologist.

Most important symptoms and effects, whether acute or delayed

After contact with skin: In case of heating: risk of burns.

After eye contact: Hot molten mass, liquid splashes: risk of burns.

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:

Foam, extinguishing powder, carbon dioxide

Unsuitable extinguishing media:

Water

Specific hazards arising from the product

In case of fire may be liberated: 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

Hot molten mass:

Protective gloves against thermic risks.

Wear closely fitting protective glasses in case of splashes.

Environmental precautions:

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

Methods and material for containment and cleaning up

Solid: Take up mechanically, placing in appropriate containers for disposal.

Hot molten mass: Contain hot liquid after spilling and let it cool down (solidify); then collect mechanically.

7 Handling and storage

Precautions for safe handling

Advices on safe handling: Hot molten mass:
Protective gloves against thermic risks.
Wear closely fitting protective glasses in case of splashes.

Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:
Keep container dry. Keep in a cool place.
Protect from light.

8 Exposure controls/Personal protection

Control parameters

Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

Individual protection measures, such as personal protective equipment

Hand protection: Hot molten mass:
Protective gloves against thermic risks. OSHA Standard - 29 CFR: 1910.138
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: Wear safety goggles when handling hot molten mass.
According to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2003.

General hygiene considerations:
Protect from excessive heat.
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
Colour:	pink, flesh-coloured
Odour:	weak, characteristic
Odour threshold:	No data available
Melting point and freezing point:	56 - 58 °C
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: > 120 °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: No data available
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: Protect from excessive heat.
Hot molten mass: Incorrect application of water can cause foaming. Beware of splashes.

Incompatible materials: No data available

Hazardous decomposition products:
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.

Other information:

Not known to cause sensitization.

Symptoms

After contact with skin: In case of heating: risk of burns.

After eye contact: Hot molten mass, liquid splashes: risk of burns.

12 Ecological information

Ecotoxicity

Further details:

No data available

Persistence and degradability

Further details:

Product is biodegradable.

In sewage treatment plants it may be separated mechanically.

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: Incinerate according to applicable local, state and federal regulations.

Package

Recommendation: Dispose of waste according to applicable legislation.
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: 26/6/2008

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:

CAS: Chemical Abstracts Service
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
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
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.