

## 1. Identification

### Product identifier

Trade name: 84V1 - Vaseline

### Relevant identified uses of the substance or mixture and uses advised against

General use: For orthopedic procedures, for insulating the skin for plaster casts  
Reserved for industrial and professional use.

### Details of the supplier of the safety data sheet

Company name: Otto Bock Health Care  
Street/POB-No.: 3820 W. Great Lakes Drive  
Zip code, city: Salt Lake City, UT 84120  
USA

WWW: [www.ottobockus.com](http://www.ottobockus.com)

Telephone: +1 (801) 956-2400

Telefax: +1 (801) 956-2401

Department responsible for information:

Quality Department,  
Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time),  
Email: [USRegulatory@ottobock.com](mailto:USRegulatory@ottobock.com)

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

### Emergency telephone number

CHEMTREC, Telephone: +1 (800) 424-9300

## 2. Hazard identification

### Classification of the substance or mixture

This substance is classified as not hazardous.

### Label elements

Symbols: not applicable

Hazard statements: not applicable

Precautionary statements: not applicable

## 3. Composition/information on ingredients

### Substances

Chemical characterization: Aliphatic hydrocarbons

CAS-Number: 8009-03-8

### 4. First aid measures

In case of inhalation:	Vaseline Vapors: Provide fresh air. Seek medical advice.
Following skin contact:	After contact with molten product, cool skin area rapidly with cold water. Seek medical treatment in case of troubles.
After eye contact:	Hot molten mass: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
After swallowing:	Hot molten mass: Avoid vomiting. Aspiration hazard: in case of swallowing or vomiting danger of penetration into the lungs. Seek medical attention.

#### Most important symptoms/effects, acute and delayed

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

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

#### Information to physician

Treat symptomatically.

### 5. Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:

Foam, Extinguishing powder, carbon dioxide, sand.

Extinguishing media which must not be used for safety reasons:

Water

#### Specific hazards arising from the chemical

In case of fire may be liberated: Smoke, aldehydes, carbon monoxide and carbon dioxide.

#### Protective equipment and precautions for firefighters

Wear self-contained breathing apparatus.

Additional information: Cool endangered containers with water spray jet.

### 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

Methods for clean-up:

Pasty: 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.

Additional information:

Special danger of slipping by leaking/spilling product.

## 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.

Precautions against fire and explosion:  
Keep away from sources of ignition.  
Take precautionary measures against static discharges.

### Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:  
Keep container tightly closed and dry.  
storage temperature: 32 - 104 °F  
Store containers in upright position.

Hints on joint storage: Do not store together with oxidizing agents.

## 8. Exposure controls/personal protection

### Appropriate engineering controls

Provide adequate ventilation, and local exhaust as needed.

### Personal protection equipment (PPE)

Respiratory protection: If necessary: Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

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 68 °F and 101.3 kPa	Form: pasty
Color:	white
Odor:	almost odorless
Odor threshold:	No data available
Melting point/freezing point:	122 - 132.8 °F (DIN/ISO 2207)
Initial boiling point and boiling range:	No data available
Flammability:	No data available
Explosion limits:	No data available

Flash point/flash point range:	> 302 °F (DIN/ISO 2592)
Evaporation rate:	No data available
Auto-ignition temperature:	No data available
Decomposition temperature:	No data available
pH:	No data available
Viscosity, kinematic:	at 212 °F: 5.5 - 8.6 mm <sup>2</sup> /s (DIN 51562)
Solubility:	at 176 °F: soluble in white spirit
Water solubility:	practically insoluble
Partition coefficient: n-octanol/water:	No data available
Vapor pressure:	at 68 °F: ≤ 0.01 hPa
Density:	at 176 °F: 0.82 g/mL
Vapor density:	No data available
Particle characteristics:	Not applicable

### Additional information

Drop point/drop range:	140 °F
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## 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:	Strong oxidizing agents
Hazardous decomposition products:	In case of fire may be liberated: Smoke, aldehydes, carbon monoxide and carbon dioxide.

## 11. Toxicological information

### Information on toxicological effects

Toxicological effects:

- 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 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: No data available

### Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

### Mobility in soil

No data available

### Other adverse effects

General information: Elimination from sewage water with oil/grease separators.

## 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

DOT, IMDG, IATA-DGR: not applicable

### UN proper shipping name

DOT, IMDG, IATA-DGR: Not restricted

### Transport hazard class(es)

DOT, IMDG, IATA-DGR: not applicable

### Packing group

DOT, IMDG, IATA-DGR: not applicable

### Environmental hazards

Marine pollutant: no

### Transport in bulk according to IMO instruments

No data available

### Special precautions for user

#### USA: Department of Transportation (DOT)

Proper 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 - U.S. Federal Regulations

TSCA Inventory: listed; UVCB

### National regulations - U.S. State Regulations

No data available

### Further regulations, limitations and legal requirements

No data available

### 16. Other information

Revision date: 12/17/2025

Date of first version: 8/19/2008

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)

Hazard rating systems:



NFPA Hazard Rating:

Health: 1 (Slight)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 1 (Slight)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	1
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Abbreviations and acronyms:

CAS: Chemical Abstracts Service

CFR: Code of Federal Regulations

CLP: Classification, Labelling and Packaging

DMEL: Derived minimal effect level

DNEL: Derived no-effect level

DOT: Department of Transportation's Safety Regulations (USA)

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

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.