

## 1. Identification

### Product identifier

Trade name: 6Rx - Flexible Foam

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

General use: Article for orthopedic procedures: Foam cover  
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: This safety data sheet pertains to the following products:  
6R18 - Flexible Foam  
6R8 - Flexible Foam  
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

Article not subject to hazard labelling or classification.

### Label elements

not applicable

### Other hazards

Processing, e.g. by cutting, sawing or grinding, can produce particles and dust. For risks which have to be observed thereby, see section 7: Handling, section 8: Exposure controls / personal protection and section 11: Toxicology.

Dust: May cause irritations.

### 3. Composition/information on ingredients

#### Substances

Chemical characterization: Article: polyethylene-flexible foam

### 4. First aid measures

General information: For mechanical processing: dust formation.

In case of inhalation: In case of troubles after inhalation of dust:  
Move victim to fresh air.  
Seek medical treatment in case of troubles.

After eye contact: Polyethylene-dust:  
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.

After swallowing: Ingestion is not considered a possible route of exposure.

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

Dust: May cause irritations.

#### Information to physician

Treat symptomatically.

### 5. Fire-fighting measures

#### Suitable (and unsuitable) extinguishing media

Suitable extinguishing media:  
Water spray jet, foam, dry chemical powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:  
Full water jet

#### Specific hazards arising from the chemical

In case of fire may be liberated:  
Carbon black, compounds of low molecular weight, carbon monoxide and carbon dioxide.

#### Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information: NFPA Sprinkler Classification: Extra Hazard

### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Avoid generation of dust. Do not breathe dust.  
Provide adequate ventilation.  
In the case of the formation of dust: Wear protective equipment. Avoid contact with skin and eyes.

Environmental precautions:  
Discharge into the environment must be avoided.

### Methods and material for containment and cleaning up

Methods for clean-up: Take up mechanically. Dispose of waste according to applicable legislation.  
Avoid generation of dust.

## 7. Handling and storage

### Precautions for safe handling

Advices on safe handling: For mechanical processing:  
Provide adequate ventilation.  
If necessary: With the formation of dust, use a dust mask.  
In the case of the formation of dust: Wear protective equipment. Do not breathe dust.  
Avoid contact with skin and eyes.

Precautions against fire and explosion:  
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

### Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers:  
Store at room temperature in a dry and well ventilated area.

## 8. Exposure controls/personal protection

### Control parameters

Occupational exposure limit values:

| Type            | Limit value   |
|-----------------|---|
| USA: ACGIH: TWA | 10 mg/m <sup>3</sup> (Dust limit value, inhalable fraction) |
| USA: ACGIH: TWA | 3 mg/m <sup>3</sup> (Dust limit value, respirable fraction) |
| USA: OSHA: TWA  | 15 mg/m <sup>3</sup> (Dust limit value, total dust)         |
| USA: OSHA: TWA  | 5 mg/m <sup>3</sup> (Dust limit value, respirable fraction) |

### Appropriate engineering controls

Provide good ventilation and/or an exhaust system in the work area.

### Personal protection equipment (PPE)

Respiratory protection: For mechanical processing: Respiratory protection must be worn whenever the TLV (WEL) levels have been exceeded. Dust mask filter P according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2

Hand protection: For mechanical processing:  
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.  
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Eye protection: For mechanical processing:  
Tightly sealed safety glasses according to OSHA Standard - 29 CFR: 1910.133 or ANSI Z87.1-2003.

Body protection: Suitable protective clothing.

### General hygiene considerations:

For mechanical processing:  
Do not breathe dust.  
Wash hands before breaks and after work.  
Provide a conveniently located eye rinse station.

### 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: solid         |
| Color:                                   | skin-colored        |
| Odor:                                    | odorless            |
| Odor threshold:                          | No data available   |
| Melting point/freezing point:            | No data available   |
| Initial boiling point and boiling range: | No data available   |
| Flammability:                            | No data available   |
| Explosion limits:                        | No data available   |
| Flash point/flash point range:           | No data available   |
| Evaporation rate:                        | No data available   |
| Auto-ignition temperature:               | No data available   |
| Decomposition temperature:               | No data available   |
| pH:                                      | No data available   |
| Viscosity:                               | No data available   |
| Water solubility:                        | at 68 °F: insoluble |
| Partition coefficient: n-octanol/water:  | No data available   |
| Vapor pressure:                          | No data available   |
| Density:                                 | No data available   |
| Vapor density:                           | No data available   |
| Particle characteristics:                | Not applicable      |

### Additional information

Additional information: No data available

## 10. Stability and reactivity

|                                     |  |
|-------------------------------------|--|
| Reactivity:                         | No data available  |
| Chemical stability:                 | Stable under recommended storage conditions.   |
| Possibility of hazardous reactions: | No hazardous reaction when handled and stored according to provisions.                         |
| Conditions to avoid:                | Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. |
| Incompatible materials:             | No data available  |

Hazardous decomposition products:

In case of fire may be liberated:

Carbon black, compounds of low molecular weight, 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

In case of inhalation: Dust: May cause irritations.

After eye contact: Dust: May cause irritations.

## 12. Ecological information

### Ecotoxicity

Further details: No data available

### Persistence and degradability

Further details: Product is not biodegradable.

### Bioaccumulative potential

Partition coefficient: n-octanol/water:

No data available

### Mobility in soil

No data available

### Other adverse effects

General information: Discharge into the environment must be avoided.

### 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.

### 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

This product is an article as defined by TSCA regulations, and is exempt from TSCA inventory listing requirements.

### 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: 10/10/2008

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:

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

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

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

OEL: Occupational Exposure Limit Value

OSHA: Occupational Safety and Health Administration

PBT: Persistent, bioaccumulative and toxic

PNEC: Predicted no-effect concentration

TLV: Threshold Limit Value

TRGS: Technical Rules for Hazardous Substances

TSCA: Toxic Substance Control Act

vPvB: Very persistent and very bioaccumulative

WEL: Workplace Exposure Limit

### 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.