

1. Product and company identification

Product identifier

Trade name: SL=P071-B - Footshell Foam Kit Part B

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

General use: Foam for orthopedic procedures.
For use in industrial installations and professional treatment only.

Details of the supplier of the safety data sheet

Company name: Otto Bock Health Care
Street/POB-No.: 3820 W. Great Lakes Drive
Postal Code, city: Salt Lake City, UT 84120
USA
WWW: www.ottobockus.com
Telephone: +1 (801) 956-2400
Telefax: +1 (801) 956-2401
Dept. responsible for information:
Quality Department,
Telephone: +1 (801) 954-2304 (7 AM – 3 PM, Mountain Time),
Email: USRegulatory@ottobock.com

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

Emergency phone number

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

2. Hazards identification

Emergency overview

Appearance: Form: liquid, viscous
Color: whitish
Odor: mild
Classification: This material is classified as not hazardous.

Regulatory status

This material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

Hazards not otherwise classified

May cause sensitisation especially in sensitive humans.
see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: polyol preparation

4. First aid measures

General information:	Take off immediately all contaminated clothing. Wash contaminated clothing prior to re-use.
In case of inhalation:	Remove affected person to fresh air. Provide oxygen enriched air as needed. If needed, provide dexamethasone spray (e.g. Auxisolon) for inhalation. Seek medical attention.
Following skin contact:	Thoroughly wash skin with soap and water. Seek medical treatment in case of troubles.
After 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.
After swallowing:	Immediately get medical attention. Do NOT induce vomiting.

Most important symptoms/effects, acute and delayed

In case of inhalation: symptoms: Mucous membrane irritation.

In case of ingestion: symptoms: Irritant.

After contact with skin: symptoms: Irritant, redness, oedema (swelling), skin rash.

May cause sensitisation especially in sensitive humans.

After eye contact: symptoms: causes tears, oedema (swelling) redness, Corneal damage.

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:

298.4 °F (PMCC)

Auto-ignition temperature: No data available

Suitable extinguishing media:

Extinguishing powder, carbon dioxide, foam, water spray jet.

Extinguishing media which must not be used for safety reasons:

strong water jet

Specific hazards arising from the chemical

In case of fire may be liberated: Carbon monoxide and carbon dioxide

Protective equipment and precautions for firefighters:

Wear self-contained breathing apparatus.

Wear suitable protective clothing.

6. Accidental release measures

Personal precautions: Avoid contact with skin and eyes.

Do not breathe vapor or spray.

Keep unprotected people away.

Environmental precautions:

Do not empty into drains.

Methods for clean-up:

Soak up with absorbent materials such as sand, siliceus earth, acid- or universal binder.

Store in special closed containers and dispose of according to ordinance.

Provide adequate ventilation. Thoroughly clean surrounding area.

7. Handling and storage

Handling

Advices on safe handling: Handle in accordance with good industrial hygiene and safety practice.

Precautions against fire and explosion:

In case of warming: Danger of bursting container.

Specific use(s) Foam for orthopedic procedures.

Storage

Requirements for storerooms and containers:

Keep containers tightly closed and at a temperature between 59 °F and 86 °F. Avoid temperatures exceeding 118.4 °F.

Use caution when opening containers under pressure.

Protect from moisture contamination.

Hints on joint storage: Watch for exothermic reactions with isocyanates.

Please avoid the following: Strong acids

Further details: hygroscopic

8. Exposure controls / personal protection

Engineering controls

Provide adequate ventilation.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

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

Skin protection Wear suitable protective clothing.
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Glove material: Rubber, Plastic
Breakthrough time: >480 min.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

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

General hygiene considerations:

Safety shower and eye wash station should be easily accessible to the work area.

Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance: Form: liquid, viscous
Color: whitish

Odor: mild

Odor threshold: No data available

pH value: No data available

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Melting point/freezing point:	No data available
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	298.4 °F (PMCC)
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	No data available
Vapor density:	No data available
Density:	1.03 g/mL
Solubility:	No data available
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Additional information:	No data available

10. Stability and reactivity

Reactivity:	refer to section 10.3
Chemical stability:	hygroscopic Shelf life of this product is 6 months from date of manufacturing.
Possibility of hazardous reactions	In case of warming: Danger of bursting container.
Conditions to avoid:	Avoid temperatures exceeding 118.4 °F. Protect from moisture contamination.
Incompatible materials:	Watch for exothermic reactions with isocyanates. Please avoid the following: Strong acids
Hazardous decomposition products:	Carbon monoxide and carbon dioxide
Thermal decomposition:	No data available

11. Toxicological information

Toxicological tests

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: symptoms: Mucous membrane irritation.
In case of ingestion: symptoms: Irritant.
After contact with skin: symptoms: Irritant, redness, oedema (swelling), skin rash.
May cause sensitisation especially in sensitive humans.
After eye contact: symptoms: causes tears, oedema (swelling) redness, Corneal damage.

12. Ecological information

Ecotoxicity

Further details: No data available

Mobility in soil

No data available

Persistence and degradability

Further details: No data available

Additional ecological information

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

13. Disposal considerations

Product

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

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.

14. Transport information

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

No Toxic Chemicals subject to the reporting requirements of Section 313 of Title III and of 40 CFR 372 are present.

National regulations - Great Britain

Hazchem-Code: -

16. Other information

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	

Reason of change: Changes in section 1.3: Corporate headquarters

Date of first version: 11/29/2001

Department issuing data sheet

Contact person: see section 1: Dept. 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.