

SL=P071-B - Footshell Foam Kit Part B

Material number SL=P071-B

Page: 1 of 7

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
Department 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
Transport:
CONSULTANK Lutz Harder GmbH (Contract QUALI003)
Telephone: +49 (0)178-4337434 (from USA: 01149 178 4337434)

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).

Hazards not otherwise classified

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

SL=P071-B - Footshell Foam Kit Part B

Material number SL=P071-B

Page: 2 of 7

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/aerosol.
Keep unprotected people away.

Environmental precautions: Do not empty into drains.

SL=P071-B - Footshell Foam Kit Part B

Material number SL=P071-B

Page: 3 of 7

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.

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.

Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

SL=P071-B - Footshell Foam Kit Part B

Material number SL=P071-B

Page: 4 of 7

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:	No data available
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

SL=P071-B - Footshell Foam Kit Part B

Material number SL=P071-B

Page: 5 of 7

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.

SL=P071-B - Footshell Foam Kit Part B

Material number SL=P071-B

Page: 6 of 7

Package

Recommendation: Dispose of waste according to applicable legislation.

14. Transport information

UN number

ADR/RID, IMDG, IATA-DGR:

not applicable

UN proper shipping name

ADR/RID, IMDG, IATA-DGR:

Not restricted

Transport hazard class(es)

ADR/RID, IMDG, IATA-DGR:

not applicable

Packing group

ADR/RID, IMDG, IATA-DGR:

not applicable

Environmental hazards

Marine pollutant:

no

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No data available

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 - U.S. State Regulations

No data available

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

Abbreviations and acronyms:

ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR: European Agreement concerning the International Carriage of Dangerous Goods by Road
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
MFSU: Manufacture, formulation, supply and use
OSHA: Occupational Safety and Health Administration
PBT: Persistent, bioaccumulative and toxic
PNEC: Predicted no-effect concentration
RID: Regulations Concerning the International Carriage of Dangerous Goods by Rail
TRGS: Technical Rules for Hazardous Substances
vPvB: Very persistent and very bioaccumulative

Reason of change: General revision

Date of first version: 11/29/2001

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.