

617Sx2 - BockLite

Material number 617Sx2

Page: 1 of 6

1. Product and company identification**Product identifier**

Trade name: 617Sx2 - BockLite

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

General use: Article for orthopedic procedures: pads, foam cover

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: This safety data sheet pertains to the following products:

#617S1=* - BockLite

#617S2=* - BockLite Cone

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: solid

Color: flesh-colored or white

Odor: characteristic

Classification: This substance 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

Processing by heating can produce vapours. 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.

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Article: copolymer based on Ethylene and Vinyl acetate (EVA - foam)

4. First aid measures

General information: For mechanical processing: dust formation.
At processing (thermal treatment): development of gas/vapor possible

In case of inhalation: Provide fresh air. Seek medical treatment in case of troubles.

Following skin contact: Remove residues with water.
If burned by hot product, quench immediately with cold tap water.
Do not peel solidified product off the skin. Immediately get medical attention.

After eye contact: EVA - 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.

Most important symptoms/effects, acute and delayed

No data available

Information to physician

Treat symptomatically.

5. Fire fighting measures

Flash point/flash point range:
> 572 °F

Auto-ignition temperature: No data available

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: acetic acid-vapors, carbon monoxide and carbon dioxide.

Protective equipment and precautions for firefighters:
Wear self-contained breathing apparatus.

6. Accidental release measures

Personal precautions: Provide fresh air.
Do not breathe dust. Do not breathe vapors.

Environmental precautions:
Discharge into the environment must be avoided.

Methods for clean-up: Take up mechanically, placing in appropriate containers for disposal.

7. Handling and storage

Handling

Advices on safe handling: Make sure that the processing machines are well equipped with suction and ventilation systems. If necessary: Use appropriate respiratory protection.

Precautions against fire and explosion:

Avoid open flames.

Take precautionary measures against static discharges.

Storage

Requirements for storerooms and containers:

Keep container dry. Store at room temperature.

Protect against direct sunlight.

8. Exposure controls / personal protection

Exposure guidelines

Occupational exposure limit values:

Type	Limit value
USA: ACGIH: TWA	10 mg/m ³
USA: ACGIH: TWA	3 mg/m ³
USA: OSHA: TWA	15 mg/m ³
USA: OSHA: TWA	5 mg/m ³

Additional information:

Please observe generally defined limit for dust:

OSHA-TWA USA: 15 mg/m³ (total dust)

OSHA-TWA USA: 5 mg/m³ (respirable fraction)

Engineering controls

Provide for constant fresh air supply during and after processing.

See also information in chapter 7, section storage.

Personal protection equipment (PPE)

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

Skin protection: If necessary:
 Protective gloves against thermic risks.
 For machine processing:
 Protective gloves against mechanical risks.
 OSHA Standard - 29 CFR: 1910.138
 Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: When vapors form: Respiratory protective device.
 For mechanical processing: Particulates filter.
 OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2

General hygiene considerations:

At processing (thermal treatment):
 The following shall be existing in the immediate working surrounding: emergency shower installed.
 Do not breathe vapors.
 For mechanical processing:
 Avoid generation of dust. Do not breathe dust.
 Wash hands before breaks and after work.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Form: solid Color: flesh-colored or white
Odor:	characteristic
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	266 - 392 °F
Initial boiling point and boiling range:	No data available
Flash point/flash point range:	> 572 °F
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:	0.03 - 0.4 g/cm ³
Water solubility:	insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	> 200 °C
Additional information:	No data available

10. Stability and reactivity

Reactivity:	No data available
Chemical stability:	Product is stable under normal storage conditions.
Possibility of hazardous reactions	will not occur
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazardous decomposition products:	In case of fire may be liberated: acetic acid-vapors, carbon monoxide and carbon dioxide.
Thermal decomposition:	> 200 °C

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.

In case of inhalation: In case of heating: risk of burns.

Following skin contact: In case of heating: risk of burns.

After eye contact: dust/vapors: mild irritant

12. Ecological information

Ecotoxicity

Further details: No data available

Mobility in soil

No data available

Persistence and degradability

Further details: Product is not biodegradable.

Additional ecological information

Volatile organic compounds (VOC):

0 % by weight

General information: Discharge into the environment must be avoided.

13. Disposal considerations

Product

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

Contaminated packaging

Recommendation: Dispose of waste according to applicable legislation.
 Non-contaminated packages may be recycled.

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 - Great Britain

Hazchem-Code: -

16. Other information

Hazard rating systems:



NFPA Hazard Rating:

Health: 0 (Minimal)

Fire: 1 (Slight)

Reactivity: 0 (Minimal)

HMIS Version III Rating:

Health: 0 (Minimal)

Flammability: 1 (Slight)

Physical Hazard: 0 (Minimal)

Personal Protection: X = Consult your supervisor

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
	X

Reason of change: Changes in section 1.3: Corporate headquarters

Date of first version: 3/4/2009

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.