in accordance with 29 CFR 1910.1200 and ANSI standard Z400.1-2010

## 617Sx2 - BockLite

Material number 617Sx2

Revision date:3/6/2015Version:4Language:en-USDate of print:1/20/2016

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1. Product and company identification

#### **Product identifier**

Trade name: 617Sx2 - BockLite

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#### 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: Street/POB-No.: Postal Code, city:	Otto Bock Health Care 3820 W. Great Lakes Drive Salt Lake City, UT 84120
	USA
WWW:	www.ottobockus.com
Telephone:	+1 (801) 956-2400
Telefax:	+1 (801) 956-2401
Dept. responsible for info	rmation:
	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

#### **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 chapter 7: Handling, chapter 8: Exposure controls / personal protection and chapter 11: Toxicology. see section 11: Toxicological information

# 3. Composition / Information on ingredients

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

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4. First aid measures	
General information:	For mechanical processing: dust formation. At processing (thermal treatment): development of gas/vapor possibel
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 opthalmologist.

#### 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 fog, foam, dry chemical powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

High power 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

Provide fresh air. Personal precautions:

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.

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#### Storage

Requirements for storerooms and containers: Keep container dry. Store at room temperature. Protect against direct sunlight.

## 8. Exposure controls / personal protection

#### Exposure guidelines

Additional information:

Please observe generally defined limit for dust: OSHA-TWA USA: 15 mg/m<sup>3</sup> (total dust) OSHA-TWA USA: 5 mg/m<sup>3</sup> (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 consider	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: Odor threshold:	characteristic no data available
pH value:	no data available

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Melting point/freezing point: Initial boiling point and boiling range: Flash point/flash point range: Evaporation rate: Flammability: Explosion limits: Vapor pressure: Vapor density: Density: Water solubility: Partition coefficient: n-octanol/water: Auto-ignition temperature:	266 - 392 °F no data available > 572 °F no data available no data available no data available no data available 0.03 - 0.4 g/cm <sup>3</sup> insoluble no data available no data available
Auto-ignition temperature: Thermal decomposition:	no data available > 200 °C
Additional information:	no data available

# 10. Stability and reactivity

Reactivity: no data available

Product is stable under normal storage conditions. Chemical stability:

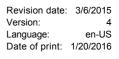
Possibility of hazardous reactions

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. > 200 °C Thermal decomposition:



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11. Toxicological information

#### **Toxicological tests**

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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.	
	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 weightGeneral 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.

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	14. Transport information
USA: Department of Tr	ransportation (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.

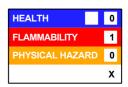
# 15. Regulatory information

#### 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
Reason of change:	Changes in section 1: Address
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.