

## 1. Product and company identification

### Product identifier

Trade name: 616/623X - Polyester Mesh Products

This safety data sheet pertains to the following products:

Article No. 616G6: Dacron Felt

Article No. 617V2: Perlou-fleece

Article No. 623T4: Polyester Stockinette, White

### Recommended use and restrictions on use

General use: Article for orthopedic procedures.  
Reserved for industrial and professional use.

### Initial supplier identifier

Company name: Otto Bock HealthCare Canada Ltd.

Street/POB-No.: 5470 Harvester Road

Postal Code, city: Burlington, ON L7L 5N5, CA

Canada

WWW: [www.ottobock.ca](http://www.ottobock.ca)

E-mail: [info.canada@ottobock.com](mailto:info.canada@ottobock.com)

Telephone: (800) 665-3327

Telefax: (800) 463-3659

Department responsible for information:

Mark Agro, Telephone: (800) 665-3327 (9 am - 5 pm)

Additional information: Corporate headquarters:

Ottobock SE & Co. KGaA

Max-Näder-Straße 15

Duderstadt

Germany

### Emergency phone number

COLLECT, Telephone: (613) 996-6666

Transport:

CONSULTANK Lutz Harder GmbH (Contract QUALI003)

Telephone: +49 (0)178-4337434 (from USA: 01149 178 4337434)

## 2. Hazards identification

### Emergency overview

Appearance: Form: solid  
Color: white

Odor: odorless

Classification: Article not subject to hazard labeling or classification.

### Regulatory status

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

### Hazards not otherwise classified

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.

In case of eye contact: mild irritant

see section 11: Toxicological information

## 3. Composition / Information on ingredients

Chemical characterisation: Textile material, contains coating agent <= 1%

## 4. First aid measures

General information: For mechanical processing: dust formation.

In case of inhalation: Provide fresh air.

In the case of the formation of dust: Seek medical treatment in case of troubles.

Following skin contact: Remove residues with soap and water.

Burns caused by molten material must be treated clinically.

After eye contact: In the case of the formation of 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 and effects, both acute and delayed

In case of eye contact: mild irritant

### Information to physician

Treat symptomatically.

## 5. Fire fighting measures

Flash point/flash point range:

No data available

Auto-ignition temperature: No data available

Suitable extinguishing media:

Water spray jet, foam, extinguishing powder, carbon dioxide.

Extinguishing media which must not be used for safety reasons:

Alcohol resistant foam, Full water jet

### Specific hazards arising from the chemical

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

Special protective equipment and precautions for fire-fighters:

Wear self-contained breathing apparatus.

## 6. Accidental release measures

Personal precautions: Avoid generation of dust. Provide adequate ventilation.

In the case of the formation of dust: Wear protective equipment. Do not breathe dust.

Avoid contact with skin and eyes.

### Environmental precautions:

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

### Methods for clean-up:

Take up mechanically, placing in appropriate containers for disposal.

Final cleaning: with water and soap.

## 7. Handling and storage

### Handling

#### Advices on safe handling:

Handle in accordance with good industrial hygiene and safety practice.

For mechanical processing: Avoid generation of dust. Provide adequate ventilation.

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.

### Storage

#### Requirements for storerooms and containers:

Keep container dry. Store at room temperature.

Keep at temperature not exceeding 70 °C.

## 8. Exposure controls / personal protection

### Exposure guidelines

#### Occupational exposure limit values:

Type	Limit value
Canada: OEL 8 hour	10 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
Canada: OEL 8 hour	3 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
Canada: OEL TWA	10 mg/m <sup>3</sup> (Dust limit value, inhalable fraction)
Canada: OEL TWA	3 mg/m <sup>3</sup> (Dust limit value, respirable fraction)
Canada: VEMP	10 mg/m <sup>3</sup> (total dust)
Canada: VEMP	3 mg/m <sup>3</sup> (total dust, respirable fraction)
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)

### Engineering controls

For mechanical processing: Provide adequate ventilation.

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:** Wear protective gloves if necessary.  
 Glove material: Nitrile rubber-Breakthrough time: 480 min.  
 For mechanical processing:  
 Protective gloves against mechanical risks.  
 OSHA Standard - 29 CFR: 1910.138.  
 Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

**Respiratory protection:** For mechanical processing:  
 Dust mask or particulates filter.  
 OSHA Standard - 29 CFR: 1910.134. or ANSI Z88.2

**General hygiene considerations:**  
 Avoid generation of dust.  
 Wash hands before breaks and after work.

### Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

**Appearance:** Form: solid  
 Color: white

**Odor:** odorless

**Odor threshold:** No data available

**pH:** neutral

**Melting point/freezing point:** 250 - 260 °C

**Initial boiling point and boiling range:** No data available

**Flash point/flash point range:** No data available

**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:** at 20 °C: 1.3 - 1.4 g/cm<sup>3</sup>

**Solubility:** at 20 °C: insoluble in fat

**Water solubility:** at 20 °C: insoluble

**Partition coefficient: n-octanol/water:** No data available

**Auto-ignition temperature:** No data available

**Thermal decomposition:** Coating agent: 130°C - 190°C

**Ignition temperature:** 500 °C

## 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: Protect from excessive heat. Protect from moisture contamination.  
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 monoxide and carbon dioxide.

Thermal decomposition: Coating agent: 130°C - 190°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.

### Symptoms

After eye contact: 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: Do not allow to penetrate into soil, waterbodies or drains.

### 13. Disposal considerations

#### Product

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

#### Package

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

### 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

#### Canada: Transportation of Dangerous Goods (TDG)

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 - Canada

No data available

### 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

## 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  
 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  
 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  
 TSCA: Toxic Substance Control Act  
 vPvB: Very persistent and very bioaccumulative  
 WHMIS: Workplace Hazardous Materials Information System

Reason of change:

General revision

Date of first version:

3/1/2008

### 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.