

**636W9 - Parchment Cold  
Adhesive, ready-to-use**

Material number 636W 9

Page:

1 of 7

## 1. Product and company identification

### Product identifier

Trade name: 636W9 - Parchment Cold Adhesive, ready-to-use

### Recommended use and restrictions on use

General use: Adhesive 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  
CanadaWWW: [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: liquid

Color: white

Odor: characteristic

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 WHMIS in Canada.

### Hazards not otherwise classified

see section 11: Toxicological information

### 3. Composition / Information on ingredients

Chemical characterisation: Dispersion adhesive with polyvinyl acetate base

### 4. First aid measures

In case of inhalation: Provide fresh air.

Following skin contact: After contact with skin, wash immediately with soap and plenty of water. Seek medical attention if irritation persists.

After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Seek medical attention if problems persist.

After swallowing: Rinse mouth immediately and drink plenty of water.  
Induce vomiting when the affected person is not unconscious.  
Consult physician.

#### Most important symptoms and effects, both acute and delayed

eye, skin: Not an irritant

#### Information to physician

Treat symptomatically.

### 5. Fire fighting measures

Flash point/flash point range: not applicable

Auto-ignition temperature: not self-igniting

Suitable extinguishing media: Water spray jet, alcohol resistant foam, extinguishing powder, carbon dioxide.

#### 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.

Additional information: Use extinguishing material as appropriate for the surrounding area.

### 6. Accidental release measures

Personal precautions: Avoid contact with skin, eyes, and clothing. Provide adequate ventilation.

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

Methods for clean-up: Soak up with absorbent materials such as sand, siliceous earth, acid- or universal binder.  
Store in special closed containers and dispose of according to ordinance.

Additional information: In case of leaking on the road skid risk; warn following vehicles.  
When released into the environment, alert police and fire brigade.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide good ventilation in the work area.

Precautions against fire and explosion:

No special measures are required.

Specific use(s)

Adhesive

### Storage

Requirements for storerooms and containers:

Protect from frost.

## 8. Exposure controls / personal protection

### Engineering controls

Do not breathe vapors.

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 suitable protective clothing.

Protective gloves according to OSHA Standard - 29 CFR: 1910.138.

Glove material: Nitrile rubber - Layer thickness: 0,11 mm.

Breakthrough time: >480 min.

Observe glove manufacturer's instructions concerning penetrability and breakthrough time.

Respiratory protection: Provide adequate ventilation.

In case of insufficient ventilation, wear suitable respiratory equipment.

Use filter type A (= against vapors of organic substances) according to OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2.

General hygiene considerations:

Wash hands before breaks and after work.

Avoid contact with eyes and skin.

When using do not eat, drink or smoke.

### Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:

Form: liquid

Color: white

Odor:

characteristic

Odor threshold:

No data available

## 636W9 - Parchment Cold Adhesive, ready-to-use

Material number 636W 9

Page: 4 of 7

pH:	at 25 °C, 500 g/L: 7 (DIN 38404)
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	100 °C
Flash point/flash point range:	not applicable
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	at 20 °C: 23 hPa
Vapor density:	No data available
Density:	at 20 °C: 1.07 g/mL
Water solubility:	at 20 °C: complete miscible
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	not self-igniting
Thermal decomposition:	> 100°C
Viscosity, dynamic:	at 20 °C: 13,000 mPa*s (BrookfieldHBT3/20Upm)
Explosive properties:	Product is not explosive.

## 10. Stability and reactivity

Reactivity:	refer to 10.3
Chemical stability:	Product is stable under normal storage conditions.
Possibility of hazardous reactions:	No hazardous reactions known.
Conditions to avoid:	No data available
Incompatible materials:	No data available
Hazardous decomposition products:	In case of fire may be liberated: carbon monoxide and carbon dioxide
Thermal decomposition:	> 100°C

# 636W9 - Parchment Cold Adhesive, ready-to-use

Material number 636W 9

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.
Other information:	sensitization: Not known to cause sensitization. There are no known health risks.

### Symptoms

eye, skin: Not an irritant

## 12. Ecological information

### Ecotoxicity

Effects in sewage plants: Do not allow to enter sewer prior to treatment. Dispose of in accordance with local, state, and federal regulations. It may be eliminated from effluents by chemical flocculation.

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 enter into ground-water, surface water 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

No data available

### National regulations - U.S. State Regulations

No data available

## 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: B

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
B	

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  
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  
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  
WHMIS: Workplace Hazardous Materials Information System

Reason of change: General revision

Date of first version: 30/10/1994

### 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.