

## 1. Product and company identification

### Product identifier

Trade name: 85H11=A - Pastasil, Component A

### Recommended use and restrictions on use

General use: Component A for RTV - Silicone 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: pasty

Color: white

Odor: odorless

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: Product on the basis of Polysiloxane, silicic acid, additive.

Additional information: Contains Platinum-complex (Platinum < 0,01 %)

### 4. First aid measures

In case of inhalation: in case of heating: In case of inhalation of decomposition products, affected person should be moved into fresh air and kept still. Seek medical treatment in case of troubles.

Following skin contact: Change contaminated clothing.  
Thoroughly wash skin with soap and water.  
In case of skin irritation, consult a physician.

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: Never give anything by mouth to an unconscious person. Rinse mouth thoroughly with water. Do not induce vomiting.  
Seek medical treatment in case of troubles.

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

After eye contact: Mild irritant

#### Information to physician

Treat symptomatically.

### 5. Fire fighting measures

Flash point/flash point range:

> 200 °C (c.c.)

Auto-ignition temperature: > 400 °C

Suitable extinguishing media:

Water spray jet, Foam, extinguishing powder, carbon dioxide

Extinguishing media which must not be used for safety reasons:

Full water jet

#### Specific hazards arising from the chemical

Combustible.

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

Special protective equipment and precautions for fire-fighters:

Wear a self-contained breathing apparatus and chemical protective clothing.

Additional information:

Seal off endangered area. Cool endangered containers with water spray and, if possible, remove from danger zone. Use water spray jet to knock down vapors. Do not breathe fumes. Do not allow fire water to penetrate into surface or ground water.

### 6. Accidental release measures

Personal precautions: Do not breathe vapor. Avoid inhalation and contact with skin and eyes. Wear suitable protective clothing. Ensure adequate ventilation, especially in confined areas.

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: Fouled surfaces must be immediately cleaned with suitable solvents.  
(solvents: refer to section 9). Thoroughly clean surrounding area.  
Dispose of waste according to applicable legislation.

## 7. Handling and storage

### Handling

Advices on safe handling: Provide adequate ventilation, and local exhaust as needed. Avoid contact with skin, eyes, and clothing. Wear appropriate protective equipment. When using do not eat, drink or smoke. Wash hands before breaks and after work.

Precautions against fire and explosion:  
Take standard precautions to prevent fire.

Specific use(s) Component A for RTV - Silicone for orthopedic procedures.

### Storage

Requirements for storerooms and containers:  
Keep only in the original container. Keep container tightly closed. Keep container dry. Do not drop, drag or bang the container. Store at room temperature.

Hints on joint storage: Keep away from strong oxidizing agents.

## 8. Exposure controls / personal protection

### Exposure guidelines

Occupational exposure limit values:

CAS No.	Designation	Type	Limit value
7440-06-4	Platinum	Canada: OEL 8 hour	1 mg/m <sup>3</sup> (metal)
		Canada: OEL TWA	1 mg/m <sup>3</sup> (metal)
		Canada: OEL TWA	1 mg/m <sup>3</sup>
		Canada: VEMP	1 mg/m <sup>3</sup> (metal)
		USA: ACGIH: TWA	1 mg/m <sup>3</sup>
		USA: NIOSH: TWA	1 mg/m <sup>3</sup>

Biological limit values:

CAS No.	Designation	Type	Limit value	Parameter	Sampling
7440-06-4	Platinum	USA: ACGIH-BEI, urine	0.01 µg/L	Platinum	end of exposure or end of shift

Additional information: Platinum embedded in the product

### Engineering controls

Provide good ventilation and/or an exhaust system in the work area.  
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: Suitable protective clothing.

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

Glove material: polyethylene/polypropylene (0.5 mm)

Breakthrough time: > 480 min.

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

Respiratory protection: Respiratory protection is not necessary if room is well ventilated.

At processing:

When vapors form, use respiratory protection. The filter class must be suitable for the maximum contaminant concentration (gas/vapor/aerosol/particulates) that may arise when handling the product.

General hygiene considerations:

Avoid contact with skin, eyes, and clothing. Change contaminated clothing. Do not breathe vapor.

Wash hands before breaks and after work. When using do not eat or drink.

Have eye wash bottle or eye rinse ready at work place.

### Environmental exposure controls

Refer to 6.: Section "Environmental precautions".

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Appearance:	Form: pasty Color: white
Odor:	odorless
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:	> 200 °C (c.c.)
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	No data available
Vapor pressure:	at 20 °C: < 0.1 hPa
Vapor density:	No data available
Density:	at 25 °C: 1.55 g/cm <sup>3</sup>
Solubility:	soluble in: diethyl ether, aliphatic hydrocarbons, aromatic hydrocarbons (toluene, xylene), chlorinated hydrocarbons
Water solubility:	practically insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	> 400 °C
Thermal decomposition:	> 200 °C
Additional information:	No data available

## 10. Stability and reactivity

Reactivity: no data available

Chemical stability: Stable under recommended storage conditions.

Possibility of hazardous reactions: No dangerous reactions are known.

Conditions to avoid: Excessive heating, humidity

Incompatible materials: Reacts with strong oxidizing agents.

Hazardous decomposition products: In case of fire may be liberated: silicon dioxide, 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: Based on available data, the classification criteria are not met.  
 Not known to cause sensitization.  
 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.  
 Siloxanes are removed from water by sedimentation or binding to sewage sludge.

### 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.

### 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

Platinum: DSL: listed

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

Product: All ingredients of this product are listed on the TSCA inventory.

Platinum: NIOSH Recommendations:  
Occupational Health Guideline: 0519\*

### 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  
 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  
 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: Changes in section 8: Biological Limit Value

Date of first version: 27/6/2008



# SAFETY DATA SHEET

according to WHMIS 2015 and ANSI Z400.1-2010

## 85H11=A - Pastasil, Component A

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### 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.