

1. Product and company identification

Product identifier

Trade name: 617F8 - Parting Agent HS

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

General use: Parting agent for orthopedic procedures.
Reserved for industrial and professional use.

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: 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: Physical state at 68 °F and 101.3 kPa: liquid
Color: colorless

Odor: No data available

Classification: Flammable Liquid - Category 4;

Signal word: **Warning**

Hazard statements: Combustible liquid.

Precautionary statements:
Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
Wear protective gloves/protective clothing/eye protection/face protection.
Store in a well-ventilated place. Keep cool.
Dispose of contents/container to hazardous or special waste collection point.

Regulatory status

This material is considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada.

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Hazards not otherwise classified

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: polysiloxane

4. First aid measures

- In case of inhalation: Move victim to fresh air, put at rest and loosen restrictive clothing. If victim is at risk of losing consciousness, position and transport on their side. Immediately get medical attention.
- Following skin contact: Wash immediately with plenty of water. Change contaminated clothing. In case of skin reactions, consult a physician.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Remove contact lenses, if present and easy to do. Continue rinsing. Subsequently consult an ophthalmologist.
- After swallowing: Rinse mouth with water. If victim is conscious and alert, immediately give 1 cup of water. Never give anything by mouth to an unconscious person. Seek medical attention.

Most important symptoms/effects, acute and delayed

- In case of inhalation:
Inhaling hazardous decomposing products can cause serious health damage. Symptoms may occur with delay.
- After eye contact: mild irritant

Information to physician

- Treat symptomatically.
Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

5. Fire fighting measures

- Flash point/flash point range:
170.6 °F (c.c.)
- Auto-ignition temperature: No data available
- Suitable extinguishing media:
Foam, dry chemical powder, carbon dioxide or Water spray jet
- Extinguishing media which must not be used for safety reasons:
Full water jet

Specific hazards arising from the chemical

- Combustible liquid.
In case of fire may be liberated: Silicon dioxide, nitrogen oxides (NO_x), metallic oxides, carbon monoxide and carbon dioxide

- Protective equipment and precautions for firefighters:
Wear a self-contained breathing apparatus and chemical protective clothing.

6. Accidental release measures

- Personal precautions:** Keep away from sources of ignition - No smoking. Stop leak if safe to do so. Wear appropriate protective equipment. Keep unprotected people away.
- Environmental precautions:** Do not allow to enter into ground-water, surface water or drains. If necessary notify appropriate authorities.
- Methods for clean-up:** Take up with non-flammable, liquid binding material (e.g. sand/earth/diatomaceous earth/vermiculit) and perform disposal according to instructions.

7. Handling and storage

Handling

- Advices on safe handling:** Provide good ventilation and/or an exhaust system in the work area. Wear appropriate protective equipment. When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace.
- Precautions against fire and explosion:**
Take precautionary measures against static discharges.
When using product or filling containers, use only grounded equipment with bonding leads.

Storage

- Requirements for storerooms and containers:**
Store containers tightly closed in a cool, dry, well ventilated area at temperatures not below 59 °F.
Keep only in original container. Protect from heat and direct sunlight. Opened containers shall be carefully closed and stored in upright position.
- Hints on joint storage:** keep away from: Strong oxidizing agents.
Keep away from food, drink and animal feedingstuffs.

8. Exposure controls / personal protection

Engineering controls

Handle in accordance with good industrial hygiene and safety practice. Provide adequate ventilation.
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** Wear suitable protective clothing.
Protective gloves according to OSHA Standard - 29 CFR: 1910.138.
Observe glove manufacturer's instructions concerning penetrability and breakthrough time.
- 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:**
Wash hands before breaks and after work. Keep away from sources of ignition - No smoking.
Avoid skin contact, oral ingestion, as well as inhalation.
When using do not eat, drink or smoke. Contaminated work clothing should not be allowed out of the workplace.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Physical state at 68 °F and 101.3 kPa: liquid Color: colorless
Odor:	No data available
Odor threshold:	No data available
pH value:	No data available
Melting point/freezing point:	No data available
Initial boiling point and boiling range:	> 302 °F
Flash point/flash point range:	170.6 °F (c.c.)
Evaporation rate:	No data available
Flammability:	No data available
Explosion limits:	LEL (Lower Explosion Limit): 0.52 Vol-% UEL (Upper Explosive Limit): 7.00 Vol-%
Vapor pressure:	No data available
Vapor density:	No data available
Density:	at 68 °F: 0.96 g/mL (DIN 53217)
Water solubility:	at 68 °F: insoluble
Partition coefficient: n-octanol/water:	No data available
Auto-ignition temperature:	No data available
Thermal decomposition:	No data available
Additional information:	No data available

10. Stability and reactivity

Reactivity:	Combustible liquid.
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 heat and direct sunlight.
Incompatible materials:	Strong oxidizing agents
Hazardous decomposition products:	No hazardous decomposition products when regulations for storage and handling are observed.
Thermal decomposition:	No data available

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

In case of inhalation:
 Inhaling hazardous decomposing products can cause serious health damage. Symptoms may occur with delay.
 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: No data available

Additional ecological information

General information: Do not allow to enter ground water or storm drains.

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)

Identification number: NA1993
 Proper shipping name: NA 1993, UN 11993, Combustible liquids, n.o.s.
 Hazard class or Division: Comb liq
 Packing Group: III
 Labels: None
 Symbols: D G
 Special provisions: 148, IB3, T1, TP1
 Packaging – Exceptions: 150
 Packaging – Non-bulk: 203
 Packaging – Bulk: 241
 Quantity limitations – Passenger aircraft / rail: 60 L
 Quantity limitations – Cargo only: 220 L
 Vessel stowage – Location: A

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

Text for labeling: Safety data sheet available on request.

Hazard rating systems: NFPA Hazard Rating:
 Health: 0 (Minimal)
 Fire: 2 (Moderate)
 Reactivity: 0 (Minimal)



HMIS Version III Rating:
 Health: 0 (Minimal)
 Flammability: 2 (Moderate)
 Physical Hazard: 0 (Minimal)
 Personal Protection: B

HEALTH	0
FLAMMABILITY	2
PHYSICAL HAZARD	0
B	

Reason of change: Changes in section 1.3: Corporate headquarters

Date of first version: 10/20/2016

Department issuing data sheet

Contact person: see section 1: Dept. responsible for information



SAFETY DATA SHEET

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

617F8 - Parting Agent HS

Material number 617F8

Revision date: 3/22/2018

Version: 10

Language: en-US

Date of print: 5/24/2018

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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.