

617F8 - Parting Agent HS

Material number 617F8

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1. Product and company identification**Product identifier**

Trade name: 617F8 - Parting Agent HS

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

Emergency phone number**CHEMTREC, Telephone: +1 (800) 424-9300****2. Hazards identification****Emergency overview**

Appearance: Form: liquid

Color: milky, cloudy

Odor: odorless up to weak

Classification: This material is classified as not hazardous.

Regulatory status

While this material is not considered hazardous by the U.S. OSHA Hazard Communication Standard (29 CFR 1910.1200) and SIMDUT in Canada, this MSDS contains valuable information critical to the safe handling and proper use of the product.

Hazards not otherwise classified

see section 11: Toxicological information

3. Composition / Information on ingredients

Chemical characterization: Preparation of polysiloxanes

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: Change contaminated clothing. Wash immediately with plenty of water.
- After eye contact: Immediately flush eyes with plenty of flowing water for 10 to 15 minutes holding eyelids apart. Subsequently consult an ophthalmologist.
- After swallowing: Seek medical attention.

Most important symptoms/effects, acute and delayed

After eye contact: mild irritant

Information to physician

Treat symptomatically.

5. Fire fighting measures

- Flash point/flash point range:
75 °C (167 °F) (DIN EN 456)
- Auto-ignition temperature: no data available
- Suitable extinguishing media:
Foam, dry chemical, carbon dioxide or Water fog
- Extinguishing media which must not be used for safety reasons:
strong water jet

Specific hazards arising from the chemical

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

Protective equipment and precautions for firefighters:

Wear self-contained breathing apparatus.

6. Accidental release measures

- Personal precautions: Keep away from sources of ignition. - No smoking.
Handle in accordance with good industrial hygiene and safety practice.
- Environmental precautions:
Do not allow to enter into ground-water, surface water 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.
Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents) and place in closed containers for disposal.

7. Handling and storage

Handling

- Advices on safe handling: Provide good ventilation and/or an exhaust system in the work area. Wear suitable protective clothing.
- Precautions against fire and explosion:
Take precautionary measures against static discharges.
When using product or filling containers, use only grounded equipment with bonding leads.

Specific use(s) Parting agent for orthopedic procedures.

Storage

Requirements for storerooms and containers:

Store containers tightly closed in a cool, dry, well ventilated area at temperatures not below 15 °C (59 °F).

Hints on joint storage: keep away from: Strong oxidizing agents.

8. Exposure controls / personal protection

Engineering controls

Handle in accordance with good industrial hygiene and safety practice.
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: Provide good ventilation and/or an exhaust system in the work area.
In case of insufficient ventilation, wear suitable respiratory equipment.
OSHA Standard - 29 CFR: 1910.134 or ANSI Z88.2

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.

9. Physical and chemical properties

Information on basic physical and chemical properties

Appearance:	Form: liquid Color: milky, cloudy
Odor:	odorless up to weak
Odor threshold:	no data available
pH value:	no data available
Melting point/freezing point:	no data available
Initial boiling point and boiling range:	> 150 °C (302 °F)
Flash point/flash point range:	75 °C (167 °F) (DIN EN 456)
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 20 °C (68 °F): 0.96 g/mL (DIN 53217)
Water solubility:	at 20 °C (68 °F): insoluble
Partition coefficient: n-octanol/water:	no data available

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Auto-ignition temperature: no data available

Thermal decomposition: no data available

Additional information: no data available

10. Stability and reactivity

Reactivity: refer to section 10.3

Chemical stability: Product is stable under normal storage conditions.

Possibility of hazardous reactions
No dangerous reactions are known.

Conditions to avoid: Keep away from heat.

Incompatible materials: Strong oxidizing agents

Hazardous decomposition products:
In case of fire may be liberated: Silicon dioxide, carbon monoxide and carbon dioxide.

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.
- 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: 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 numbers: UN1993
 Proper shipping name: UN 1993, flammable liquids, n.o.s.
 DOT hazard class or division: 3
 PG: III
 Label codes: 3
 Symbols: G
 Special provisions: B1, B52, IB3, T4, TP1, TP29
 Packaging - Exceptions: 150
 Packaging - Non-bulk: 203
 Packaging - Bulk: 242
 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.

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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: B

HEALTH	0
FLAMMABILITY	1
PHYSICAL HAZARD	0
B	

Reason of change: Changes in section 1: Address

Date of first version: 10/6/1994

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.



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