

## Safety data sheet

### According to 91/155 EEC

Printing date 22.11.2010

Version number 5

Revision: 22.11.2010


### 1 Identification of the substance/mixture and of the company/undertaking

- **Product identifier**
- **Trade name:** Seperator PTFE Spray
- **Relevant identified uses of the substance or mixture and uses advised against**
- **Application of the substance / the preparation** Lubricant
- **Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Forbo Siegling Pty. Ltd  
Factory 1, 124-126 Rodeo Drive  
Dandenong South  
Victoria 3175. Australia  
Ph.: 1300137933  
Fax: 1300137944
- **Information department:**  
Chemical Laboratory  
Email: Claudius.Hayduk@forbo.com
- **Emergency telephone number:**  
(001) 352 323 3500 (Transport hazardous materials)  
++49 (0) 511-6704-214


### 2 Composition/information on ingredients

- **Chemical characterization: Substances**
- **CAS No. Description:**  
Seperator PTFE Spray

### 3 Hazards identification

- **Classification of the substance or mixture**
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**  
 F+; Extremely flammable  
 R12: Extremely flammable.
- **Information concerning particular hazards for human and environment:** not applicable

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- **Label elements**
- **Labelling according to EU guidelines:**  
The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials
- **Code letter and hazard designation of product:**  
 F+ Extremely flammable
- **Risk phrases:**  
12 Extremely flammable.
- **Safety phrases:**  
9 Keep container in a well-ventilated place.  
23 Do not breathe fumes/aerosol.  
35 This material and its container must be disposed of in a safe way.  
51 Use only in well-ventilated areas.
- **Special labelling of certain preparations:**  
Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50 °C. Do not pierce or burn, even after use.  
Keep out of the reach of children
- **Information pertaining to particular dangers for man and environment**
- **Safety phrases:**  
9 Keep container in a well-ventilated place.  
23 Do not breathe fumes/aerosol.

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35 This material and its container must be disposed of in a safe way.  
 51 Use only in well-ventilated areas.

- **Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

#### 4 First aid measures

- **Description of first aid measures**
- **After inhalation** Supply fresh air; consult doctor in case of complaints.
- **After skin contact** Generally the product does not irritate the skin.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** If symptoms persist consult doctor.
- **Information for doctor** MSDB

#### 5 Firefighting measures

- **Extinguishing media**
- **Suitable extinguishing agents**  
 CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

#### 6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures**



Wear protective equipment. Keep unprotected persons away.

- **Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **Methods and material for containment and cleaning up:**  
 Dispose contaminated material as waste according to item 13.  
 Ensure adequate ventilation.
- **Reference to other sections**  
 See Section 8 for information on personal protection equipment.  
 See Section 13 for disposal information.

#### 7 Handling and storage

- **Handling**
- **Precautions for safe handling**  
 Ensure good ventilation/exhaustion at the workplace.  
 Open and handle receptacle with care.
- **Information about protection against explosions and fires:**  
 Do not spray on a naked flame or any incandescent material.



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

- **Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.

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- **Further information about storage conditions:**  
 Keep receptacle tightly sealed.  
 Do not gas tight seal receptacle.  
 Store in cool, dry conditions in well sealed receptacles.  
 Protect from heat and direct sunlight.

## 8 Exposure controls/personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Control parameters**
- **Components with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists that were valid during the creation were used as basis.
- **Exposure controls**
- **Personal protective equipment**
- **General protective and hygienic measures**  
 Wash hands before breaks and at the end of work.  
 Do not inhale gases / fumes / aerosols.
- **Breathing equipment:**



In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.

- **Protection of hands:**  
 Protective gloves and protective skin cream.  
 The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
 Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
 Natural rubber, NR  
 The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**  
 The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing.

## 9 Physical and chemical properties

- **Information on basic physical and chemical properties**

- **General Information**

- **Appearance:**

- |                           |                 |
|---------------------------|-----------------|
| · <b>Form:</b>            | Fluid           |
| · <b>Colour:</b>          | Light beige     |
| · <b>Odour:</b>           | Aromatic        |
| · <b>Odour threshold:</b> | Not determined. |

- |                    |                 |
|--------------------|-----------------|
| · <b>pH-value:</b> | Not determined. |
|--------------------|-----------------|

- **Change in condition**

- |                                       |          |
|---------------------------------------|----------|
| · <b>Melting point/Melting range:</b> | - 77 °C  |
| · <b>Boiling point/Boiling range:</b> | 126.5 °C |

- |                       |         |
|-----------------------|---------|
| · <b>Flash point:</b> | > 22 °C |
|-----------------------|---------|

- |                                |        |
|--------------------------------|--------|
| · <b>Ignition temperature:</b> | 360 °C |
|--------------------------------|--------|

- |                                     |                 |
|-------------------------------------|-----------------|
| · <b>Decomposition temperature:</b> | Not determined. |
|-------------------------------------|-----------------|

- |                        |                 |
|------------------------|-----------------|
| · <b>Self igniting</b> | Not determined. |
|------------------------|-----------------|

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· <b>Danger of explosion:</b>	-
· <b>Explosion limits:</b>	
Lower:	1.2 Vol %
Upper:	7.5 Vol %
· <b>Vapour pressure at 20 °C:</b>	10.7 hPa
· <b>Density at 20 °C:</b>	0.88 g/cm <sup>3</sup>
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with Water at 25 °C:</b>	23 g/l
· <b>Segregation coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
dynamic:	Not determined.
kinematic:	Not determined.
· <b>Other information</b>	No further relevant information available.

## 10 Stability and reactivity

- **Reactivity**
- **Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions** No dangerous reactions known
- **Conditions to avoid** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known

## 11 Toxicological information

- **Information on toxicological effects**
- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.

## 12 Ecological information

- **Toxicity**
- **Acquatic toxicity:** No further relevant information available.
- **Persistence and degradability** No further relevant information available.
- **Behaviour in environmental systems:**
- **Bioaccumulative potential** No further relevant information available.
- **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water.  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

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### 13 Disposal considerations

- Waste treatment methods
- Recommendation



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- Land transport ADR/RID (cross-border)



- **ADR/RID class:** 3 Flammable liquids.
- **Danger code (Kemler):** 30
- **UN-Number:** 1123
- **Packaging group:** III
- **Label** 3
- **UN proper shipping name:** 1123 BUTYL ACETATES
- **Tunnel restriction code** D/E

- Maritime transport IMDG:

- **IMDG Class:** 3
- **UN Number:** 1123
- **Packaging group:** III
- **EMS Number:** F-E,S-D
- **Marine pollutant:** No
- **Propper shipping name:** BUTYL ACETATES

- Air transport ICAO-TI and IATA-DGR:

- **ICAO/IATA Class:** 3
- **UN/ID Number:** 1123
- **Packaging group:** III
- **Propper shipping name:** BUTYL ACETATES

- **Special precautions for user** Warning: Flammable liquids.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code** Not applicable.

### 15 Regulatory information

- **Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Australian Inventory of Chemical Substances** Substance is not listed.
- **Standard for the Uniform Scheduling of Drugs and Poisons** Substance is not listed.

- **Markings according to EU guidelines:**

The product has been classified and marked in accordance with EU Directives / Ordinance on Hazardous Materials

- **Code letter and hazard designation of product:**



F+ Extremely flammable

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- **Risk phrases:**

- 12 Extremely flammable.

- **Safety phrases:**

- 9 Keep container in a well-ventilated place.
- 23 Do not breathe fumes/aerosol.
- 35 This material and its container must be disposed of in a safe way.
- 51 Use only in well-ventilated areas.

- **Special labelling of certain preparations:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.  
Keep out of the reach of children

- **National regulations**

- **Technical instructions (air):**

Class	Share in %
III	100.0

- **Water hazard class:** Water hazard class 1 (Self-assessment): slightly hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### 16 Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

- **Department issuing MSDS:** Chemical Laboratory

- **Contact:**

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