

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****- 1.1 Product identifier**

**- Trade name** Hansaplast / Elastoplast Spray Bandage

- Article number: 01861

**- 1.2 Relevant identified uses of the substance or mixture and uses advised against**

No further relevant information available.

- Application of the substance / the mixture

Spray Bandage

**- 1.3 Details of the supplier of the safety data sheet**

**- Manufacturer/Supplier:** Beiersdorf AG, Unnastrasse 48, 20245 Hamburg, Germany  
fon +49 40 4909 0

**- Informing department:**

- Product Safety, Consumer Safety: Dr. Elisabeth Gerber,  
Elisabeth.Gerber@Beiersdorf.com  
- Corporate Safety: MSDS\_BDF@Beiersdorf.com

**- 1.4 Emergency telephone number:**

Beiersdorf AG, Unnastrasse 48, 20245 Hamburg, Germany  
fon +49 40 4909 6000

**SECTION 2: Hazards identification****- 2.1 Classification of the substance or mixture****- Classification according to Regulation (EC) No 1272/2008**

GHS02 flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

**- 2.2 Label elements****- Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labeled according to Directive 75/324/EEC (Aerosol Dispenser Directive).  
The product is classified and labelled according to the CLP regulation.

**- Hazard pictograms**

GHS02

**- Signal word**

Danger

**- Hazard statements**

H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

**- Precautionary statements**

P102 Keep out of reach of children.  
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.

**- Additional information:**

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use. Do not spray on a naked flame or any incandescent material. Keep away from sources of ignition - No smoking.  
Keep out of the reach of children

**- 2.3 Other hazards****- Results of PBT and vPvB assessment**

- PBT: Not classified  
- vPvB: Not classified

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**SECTION 3: Composition/information on ingredients****- 3.2 Chemical characterisation: Mixtures**

**- Description:** Alcoholic spray bandage in aerosol canP  
Propellant: Dimethyl ether  
Ingredients are listed on the can.

**- Dangerous components:**

CAS: 64-17-5	ethanol	< 70%
EINECS: 200-578-6	 Flam. Liq. 2, H225	
CAS: 115-10-6	dimethyl ether	< 50.0%
EINECS: 204-065-8	 Flam. Gas 1A, H220	
	 Acute Tox. 2, H330	
	Press. Gas (Comp.), H280	

**- Additional information** For the wording of the listed hazard phrases refer to section 16.

**SECTION 4: First aid measures****- 4.1 Description of first aid measures**

**- After inhalation** Seek medical treatment in case of complaints.  
**- After eye contact** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

**- 4.2 Most important symptoms and effects, both acute and delayed**

Dazedness

**- 4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

**SECTION 5: Firefighting measures****- 5.1 Extinguishing media**

**- Suitable extinguishing agents** CO2, extinguishing powder or water jet. Fight larger fires with water jet.

**- 5.2 Special hazards arising from the substance or mixture**

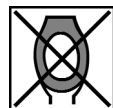
No further relevant information available.

**- 5.3 Advice for firefighters**

**- Protective equipment:** No special measures required.

**SECTION 6: Accidental release measures****- 6.1 Personal precautions, protective equipment and emergency procedures****- 6.2 Environmental precautions:**

Ensure adequate ventilation



Prevent material from reaching sewage system, holes and cellars.

**- 6.3 Methods and material for containment and cleaning up:**

Ensure adequate ventilation.  
Absorb liquid components with liquid-binding material.

**- 6.4 Reference to other sections**

See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

**SECTION 7: Handling and storage****- 7.1 Precautions for safe handling**

Use only in well ventilated areas.

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**- Information about protection  
against explosions and fires:**



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use.

Do not spray on flames or red-hot objects.

**- 7.2 Conditions for safe storage, including any incompatibilities**

**- Storage**

Requirements to be met by  
storerooms and containers:

Store in cool location.

Observe official regulations on storing packagings with pressurised containers.

Further information about storage  
conditions:

Store in a cool place. Heat will increase pressure and may lead to the container exploding.

**- 7.3 Specific end use(s)**

No further relevant information available.

## **SECTION 8: Exposure controls/personal protection**

**- 8.1 Control parameters**

**- Additional information about  
design of technical systems:**

No further data; see item 7.

**- Components with critical values that require monitoring at the workplace:**

**64-17-5 ethanol**

WEL Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

**115-10-6 dimethyl ether**

WEL Short-term value: 958 mg/m<sup>3</sup>, 500 ppmLong-term value: 766 mg/m<sup>3</sup>, 400 ppm

**- 8.2 Exposure controls**

**- Personal protective equipment**

General protective and hygienic  
measures

not required

Eye protection:

Not necessary at proper use

Body protection:

Not required

## **SECTION 9: Physical and chemical properties**

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

**- General Information**

Appearance:

Form:

Compressed liquefied gas

Colour:

specific to the product

Smell:

characteristic

**- Change in condition**

Melting point/freezing point:

Not determined

Initial boiling point and boiling range: -24 °C

**- Flash point:**

-42 °C

**- Ignition temperature:**

235 °C

**- Self-inflammability:**

Product is not selfigniting.

**- Explosive properties:**

Product is not explosive. However, formation of explosive air/steam mixtures is possible.

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- **Critical values for explosion:**
  - Lower: 3.0 Vol %
  - Upper: 18.6 Vol %
- **Steam pressure at 20 °C:** 5,200 hPa
- **Density** Not determined
- **Solubility in / Miscibility with**
  - Water: Not determined.
- **Viscosity:**
  - dynamic: Not determined.
  - kinematic: Not determined.
- **9.2 Other information** No further relevant information available.

**SECTION 10: Stability and reactivity**

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

**SECTION 11: Toxicological information**

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Slight, temporary eye irritation possible.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Additional toxicological information:**
- **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.

**SECTION 12: Ecological information**

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

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**SECTION 13: Disposal considerations****- 13.1 Waste treatment methods**

**- Recommendation** Smaller quantities can be disposed of with household garbage.

**- European waste catalogue (recommendation)**

16 05 04\* gases in pressure containers (including halons) containing hazardous substances

**- Additional information about the**

European waste catalogue:

The assignment of a waste key number according to EC Decision 2000/532/EC in connection with EU Directive 75/442/EC has to follow specific industry requirements. The above mentioned classification is only one possible proposal.

**- Uncleaned packagings:****- Recommendation:**

Empty aerosols thoroughly before disposal.

Disposal according to official regulations.

**SECTION 14: Transport information****- 14.1 UN-Number****- ADR, IMDG, IATA**

UN1950

**- 14.2 UN proper shipping name****- ADR, IMDG**

AEROSOLS

**- IATA**

AEROSOLS, flammable

**- 14.3 Transport hazard class(es)****- ADR****- Class**

2.5F Gases.

**- Label**

2.1

**- IMDG, IATA****- Class**

2.1

**- Label**

2.1

**- 14.4 Packing group****- ADR, IMDG, IATA**

Void

**- 14.5 Environmental hazards:**

Not applicable.

**- 14.6 Special precautions for user**

Warning: Gases.

**- Page:**

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**- EMS Number:**

F-D,S-U

**- Stowage Code**

SW1 Protected from sources of heat.

SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters.

**- Segregation Code**

SG69 For AEROSOLS with a maximum capacity of 1 litre:

Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

For AEROSOLS with a capacity above 1 litre:

Segregation as for the appropriate subdivision of class 2.

For WASTE AEROSOLS:

Segregation as for the appropriate subdivision of class 2.

**- 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code**

Not applicable.

**- Transport/Additional information:**

Limited quantity regulations concerning ADR and IMDG for packages up to 30 kg (gross weight).

ID 8000 Consumer commodity for airtransport of finished goods in packages up to 30 kg possible (gross weight).

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- ADR	
- Limited quantities (LQ)	1L
- Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
- Transport category	2
- Tunnel restriction code	D
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- IMDG	
- Limited quantities (LQ)	1L
- Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
- UN "Model Regulation":	UN 1950 AEROSOLS, 2.1

**SECTION 15: Regulatory information**

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Directive 2012/18/EU**
- Named dangerous substances - ANNEX I No further information available
- Seveso category P3a FLAMMABLE AEROSOLS
- Qualifying quantity (tonnes) for the application of lower-tier requirements 150 t
- Qualifying quantity (tonnes) for the application of upper-tier requirements 500 t
- REGULATION (EC) No 1907/2006 ANNEX XVII Conditions of restriction: 3
- **15.2 Chemical safety assessment:** Not applicable.  
A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This data is based on our present knowledge. However, it shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.  
Please note that title IV (information in the supply chain) of Regulation 1907/2006 (REACH) does not apply to drugs and medical devices. Therefore, this safety data sheet is supplied on a voluntary basis.

- Relevant phrases H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H330 Fatal if inhaled.
- **Department issuing data specification sheet:** Corporate Safety
- **Contact:** MSDS\_BDF@Beiersdorf.com
- **Abbreviations and acronyms:** ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
GHS: Globally Harmonised System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service (division of the American Chemical Society)  
PBT: Persistent, Bioaccumulative and Toxic  
vPvB: very Persistent and very Bioaccumulative  
Flam. Gas 1A: Flammable gases – Category 1A  
Aerosol 1: Aerosols – Category 1  
Press. Gas (Comp.): Gases under pressure – Compressed gas  
Flam. Liq. 2: Flammable liquids – Category 2  
Acute Tox. 2: Acute toxicity - inhalation – Category 2