

## 1 Identification of the substance/mixture and of the company/legal entity

### - 1.1 Product identifier

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

- Article number: 1861, 48605

### - 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

- Manufacturer/Supplier:

Beiersdorf AG  
Unnastr. 48  
D-20245 Hamburg  
Germany

Phone: +49-40-4909-0

- Informing department:

- Product Safety, Consumer Safety: Dr. Thomas Teichert  
Tel.: +49-40-4909-4278, Thomas.Teichert@Beiersdorf.com  
- Environmental Sustainability and Safety, MSDS-Content: H. Ziebell  
Tel.: +49-40-4909-4543, Hubertus.Ziebell@Beiersdorf.com

### - 1.4 Emergency telephone number:

Beiersdorf AG, Unnastr. 48, 20245 Hamburg  
Phone +49-40-4909-0 or +49-40-4909-2442

## 2 Hazards identification

### - 2.1 Classification of the substance or mixture

#### - Classification according to Regulation (EC) No 1272/2008



GHS02 flame

Flam. 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 labelled according to EC directive 75/324 in the current edition.

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.  
P251 Do not pierce or burn, even after use.  
P211 Do not spray on an open flame or other ignition source.  
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.

### - 2.3 Other hazards

#### - Results of PBT and vPvB assessment

- PBT: Not classified

- vPvB: Not classified

(Contd. on page 2)

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**Trade name Hansaplast / Elastoplast Spray Bandage**


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(Contd. of page 1)

### 3 Composition/information on ingredients

#### - 3.2 Chemical characterization: Mixtures

- **Description:** Filling: Acrylic- copolymer/ polyurethane solution in alcohol.  
Aerosol, propellant: Dimethyl ether  
Ingredients are listed on the can

#### - Dangerous components:

CAS: 64-17-5	ethanol	< 100.0%
EINECS: 200-578-6	 Flam. Liq. 2, H225	
CAS: 115-10-6	dimethyl ether	< 50.0%
EINECS: 204-065-8	 Flam. Gas 1, H220  Press. Gas, H280	

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### 4 First aid measures

#### - 4.1 Description of first aid measures

- **After inhalation** Not necessary at proper use

- **After skin contact** The product is not skin irritating.

- **After eye contact** Not necessary at proper use  
Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

- **After swallowing** In case of persistent symptoms consult physician.

#### - 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.

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### 5 Firefighting measures

#### - 5.1 Extinguishing media

- **Suitable extinguishing agents** CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet.

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

Carbon monoxide (CO)  
Nitrogen oxide (NO<sub>x</sub>)  
Carbon monoxide (CO)

#### - 5.3 Advice for firefighters

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

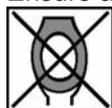
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### 6 Accidental release measures

#### - 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 8 for information on personal protection equipment.

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### 7 Handling and storage

#### - 7.1 Precautions for safe handling

No special precautions necessary if used correctly.  
Use only in well ventilated areas.

(Contd. on page 3)

**Trade name Hansaplast / Elastoplast Spray Bandage**

(Contd. of page 2)

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



Keep ignition sources away - Do not smoke.

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 pressurized containers.

- Information about storage in one common storage facility:

Not required.

- 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.

**8 Exposure controls/personal protection**

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

No further data; see item 7.

**- 8.1 Control parameters**

**- 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 ppm

Long-term value: 766 mg/m<sup>3</sup>, 400 ppm

- Additional information:

The lists that were valid during the compilation were used as basis.

**- 8.2 Exposure controls**

**- Personal protective equipment**

- General protective and hygienic measures

The usual precautionary measures should be adhered to in handling the chemicals.

- Breathing equipment:

Not required.

- Protection of hands:

Not required.

- Eye protection:

Not necessary at proper use

- Body protection:

Not necessary at proper use

**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/Melting range:

Not determined

Boiling point/Boiling range:

-24 °C

**- Flash point:**

-42 °C

(Contd. on page 4)

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**Trade name Hansaplast / Elastoplast Spray Bandage**


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(Contd. of page 3)

- **Ignition temperature:** 235 °C
  - **Self-inflammability:** Product is not selfigniting.
  - **Danger of explosion:** Product is not explosive. However, formation of explosive air/steam mixtures is possible.
  - **Critical values for explosion:**
    - Lower: 3.0 Vol %
    - Upper: 18.6 Vol %
  - **Steam pressure at 20 °C:** 5200 hPa
  - **Density** Not determined
  - **Solubility in / Miscibility with Water:** Partly miscible
  - **Viscosity:**
    - dynamic: Not determined.
    - kinematic: Not determined.
  - **9.2 Other information** No further relevant information available.
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**10 Stability and reactivity**

- **10.1 Reactivity**
  - **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
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**11 Toxicological information**

- **11.1 Information on toxicological effects**
  - **Acute toxicity:**
  - Primary irritant effect:
    - on the skin: No irritant effect.
    - on the eye: No irritant effect.
  - Sensitization: No sensitizing effect known.
  - **Additional toxicological information:** When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
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**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.
- **Additional ecological information:**
- General notes: In case of proper use there is no danger filling will be released into waters.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

(Contd. on page 5)

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**Trade name Hansaplast / Elastoplast Spray Bandage**


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(Contd. of page 4)

- **12.6 Other adverse effects** No further relevant information available.

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**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 dangerous 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.

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**14 Transport information**

- **14.1 UN-Number**

- **ADR, IMDG, IATA**

UN1950

- **14.2 UN proper shipping name**

- **ADR**

1950 AEROSOLS

- **IMDG**

AEROSOLS

- **IATA**

AEROSOLS, flammable

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

- **ADR**

- **Class**

2 5F Gases.

- **Label**

2.1

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- **IMDG, IATA**

- **Class**

2.1

- **Label**

2.1

- **14.4 Packing group**

- **ADR**

Void

- **14.5 Environmental hazards:**

Not applicable.

- **14.6 Special precautions for user**

Warning: Gases.

- **EMS Number:**

F-D,S-U

- **14.7 Transport in bulk according to Annex II of MARPOL73/78 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).  
DOT: ORM-D consumer commodity for road transport inside US

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- **ADR**

- **Limited quantities (LQ)**

1L

- **Transport category**

2

- **Tunnel restriction code**

D

- **UN "Model Regulation":**

UN1950, AEROSOLS, 2.1

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**15 Regulatory information**

- **15.2 Chemical safety assessment:**

Not applicable.

(Contd. on page 6)

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**Trade name Hansaplast / Elastoplast Spray Bandage**

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(Contd. of page 5)

A Chemical Safety Assessment has not been carried out.

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**16 Other information**

This data is based on our present knowledge. However, they 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.

**- Department issuing data specification sheet:**

Department: Environmental Sustainability and Safety  
Hubertus Ziebell, Phone: +49-40-4909-4543

**- Contact:****- 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 Harmonized 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)