

## Safety Data Sheet

according to Regulation (EC) Nr. 1907/2006 (REACH)

Print date: 27.06.2017

Revision number 2.1

Version date: 27.06.2017

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

#### 1.1 Product identifier

- **Product name:** FlyMaster Fliegenband
- **Product code:** 29976

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

- **Identified uses of the substance or mixture**  
hot-melt adhesive

#### 1.3 Details of the supplier of the safety data sheet

Albert Kerbl GmbH  
Felizenzell 9  
D-84428 Buchbach  
www.kerbl.com  
Tel.: 0049-(0)8086-933-100  
E-Mail: info@kerbl.com

- **Responsible Department:**  
Albert Kerbl GmbH  
Tel.: 0049-(0)8086-933-104  
E-Mail: bm@kerbl.com

#### 1.4 Emergency telephone number:

Gemeinsames Giftinformationszentrum der Länder Mecklenburg-Vorpommern, Sachsen, Sachsen-Anhalt und Thüringen  
c/o HELIOS Klinikum Erfurt Nordhäuser Straße 74  
Tel.: (03 61) 73 07 30 - Fax: (03 61) 7 30 73 17  
E-Mail: ggiz@ggiz-erfurt.de - Internet: www.ggiz-erfurt.de

### 2 Hazards identification

#### 2.1 Classification of the substance or mixture

**Classification according to Regulation (EC) Nr. 1272/2008**  
none

#### 2.2 Label elements

**Label elements according to Regulation (EC) Nr. 1272/2008 (CLP/GHS)**  
none

#### 2.3 Other hazards

none

### 3 Composition/information on ingredients

**Chemical Characterization:** Mixture

**Hazardous ingredients:**

none



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### 4 First aid measures

#### 4.1 Description of first aid measures

· **General information:**

If symptoms persist, call a physician.

· **Inhalation:**

Move to fresh air. If symptoms persist, call a physician.

· **Skin contact:**

After contact with the molten product cool quickly with cold water. Do not remove the solidified product from the skin. Call a physician immediately. Clean the affected parts of the skin with cotton or pulp and then thoroughly wash with water and a mild detergent.

· **Eye contact:**

Rinse opened eye for several minutes under running water.

· **Ingestion:**

Get medical treatment. Do not induce vomiting. Never give anything by mouth to an unconscious person.

#### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

#### 4.3 Indication of any immediate medical attention and special treatment needed

No further relevant information available.

### 5 Firefighting measures

#### 5.1 Extinguishing media

Suitable extinguishing agents: carbon dioxide (CO<sub>2</sub>), powder.

Unsuitable extinguishing media for safety reasons: water jet.

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

In case of fire, the following can be released: Carbon monoxide (CO) and carbon dioxide (CO<sub>2</sub>)

Under certain fire conditions, traces of other toxic substances cannot be excluded.

#### 5.3 Advice for firefighters

**Special protective equipment:** In case of fire wear self-contained breathing apparatus and full protective clothing.

**Further information**

Dispose fire residues and contaminated fire fighting water in accordance with official regulations.

Collect contaminated extinguishing water separately, must not be discharged into drains. Prevent melted product from entering into drains.

### 6 Accidental release measures

#### 6.1 Personal precautions, protective equipment and emergency procedures

See information on exposure controls and wear suitable personal protective equipment (chapter 8).

#### 6.2 Environmental precautions:

Prevent any material from entering drains or waterways.

#### 6.3 Methods and material for containment and cleaning up:

Let product solidify. Pick up mechanically. Collect in suitable containers for recovery or disposal.

#### 6.4 Reference to other sections

Information regarding disposal see chapter 13.



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### 7 Handling and storage

#### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practice. The application of rules followed exactly. Avoid skin contact with the product. Wash hands before breaks and at the end of workday. Do not breathe vapors of heated product.

Fire and explosion protection: No special measures required.

#### 7.2 Conditions for safe storage, including any incompatibilities

Storage

Requirements for storage areas and containers: Store in original container at room temperature. Ensure good ventilation.

Common storage facility: Store away from oxidizing agents.

Further information about storage conditions: Keep dry. Keep away from heat and direct sunlight.

Recommended storage temperature: 5-30 °C

#### 7.3 Specific end use(s)

No further relevant information available.

### 8 Exposure controls/personal protection

#### 8.1 Control parameters

none

#### 8.2 Exposure controls / Personal protection

General protective and hygienic measures: Avoid unnecessary contact with the product. Do not eat, drink or smoke and keep working area clean.

##### Eye / face protection

Avoid contact with eyes. Use eye protection.

##### Hand protection

Protective gloves

Glove material: The glove material has to be impermeable and resistant to the product / the substance / the preparation. 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 through time has to be obtained from the protective glove manufacturer and must be observed.

##### Skin protection (other than of the hands)

Work clothing worn by personnel shall be laundered regularly. After contact with the product, all parts of the body that have been soiled must be washed.

##### Respiratory protection

Avoid breathing mist or vapour from heated material.

Use breathing protection in case of insufficient ventilation.

##### Thermal hazards

No data available.

##### Exposure controls regarding environmental protection

No data available.



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### 9 Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

- **General Information**
- **Appearance:**
  - Form: solid
  - Colour: amber
- **Odour:** odourless
- **Smell Threshold:** not determined
- **pH:** not determined
- **Change of state**
  - Melting point/range: not determined
  - Boiling point/range: > 250 °C
- **Flash point:** > 250 °C
- **Flammability (solid, gas):** not applicable
- **Ignition temperature:** not determined
- **Thermal decomposition:** not determined
- **Autoinflammability:** Product is not self-igniting
- **Explosion hazard:** Product does not present an explosion hazard
- **Explosion limits:**
  - Lower: not determined
  - Upper: not determined
- **Vapour pressure at 20 °C:** not determined
- **Density:** 1 g/cm<sup>3</sup>
- **Bulk density** not determined
- **Vapour density** not determined
- **Evaporation rate** not determined
- **Solubility / miscibility**
  - Water: Not miscible or difficult to mix.
- **Partition coefficient (n-Octanol/Water):** not determined
- **Viscosity:** not determined
- **Oxidising properties** not determined

#### 9.2 Other information

No further relevant information available.

### 10 Stability and reactivity

#### 10.1 Reactivity

No further relevant information available.

#### 10.2 Chemical stability

Stable under normal conditions.

#### 10.3 Possibility of hazardous reactions

No dangerous reactions known.

#### 10.4 Conditions to avoid:

No decomposition if stored and handled correctly.  
To avoid thermal decomposition, do not overheat.



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### 10.5 Incompatible materials:

Reactions with strong oxidizing agents.

### 10.6 Hazardous decomposition products:

In case of fire, the formation of the following decomposition products is possible:  
Carbon monoxide and carbon dioxide, hydrocarbons.

## 11 Toxicological information

### 11.1 Information on toxicological effects

#### Acute toxicity:

There are currently no toxicological data for the product. The information and recommendations were made according to the calculation method.

#### Skin corrosion/irritation:

Due to the product composition, slight irritation of the skin cannot be ruled out.

#### Eye damage/irritation:

Due to the product composition, slight irritation of the eyes cannot be ruled out.

#### Sensitisation, respiratory or skin:

No sensitizing effects known.

#### Carcinogenicity, germ cell mutagenicity, reproductive toxicity (CMR):

Based on available data, the classification criteria are not met.

#### Specific target organ toxicity (STOT), single/repeated exposure:

Based on available data, the classification criteria are not met.

#### Aspiration hazard:

No effect known.

#### Additional toxicological information:

The product does not require labeling. When used and handled according to specifications, the product is not hazardous to health, according to our experience and the information provided to us.

## 12 Ecological information

**12.1 Toxicity** There are currently no ecotoxicological assessments for the product. The information and recommendations were made according to the calculation method. General notes: Do not allow to enter waters or drains.

**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** No further relevant information available.

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



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### 13 Disposal considerations

#### 13.1 Waste treatment methods

**Recommendation:**

Must not be disposed together with household garbage. Do not empty into drains.

Must be supplied to an authorized hazardous waste incineration plant, after pretreatment, in accordance with regulations for special waste.

**European waste catalog**

The listed (n) waste number (s) according to the European Waste Catalogue (EWC), are a recommendation. A final decision must be taken in agreement with the regional waste management company.

02 01 99 wastes not otherwise specified

**Uncleaned packaging:**

**Recommendation:** Disposal according to official regulations.

### 14 Transport information

14.1 UN number	Not classified as dangerous good
14.2 UN proper shipping name	none
14.3 Transport hazard class(es)	none
14.4 Packing group	none
14.5 Environmental hazards	none
14.6 Special precautions for user	not required
14.7 Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

### 15 Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

**EU-Regulations**

none

**National Regulations**

**Germany: Wassergefährdungsklasse (WGK)**

WGK 1 (self-classification): slightly hazardous to water

#### 15.2 Chemical safety assessment: A Chemical Safety Assessment has not been carried out.



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### 16 Other information

Since the user's working conditions are not known by us, the information supplied on this safety data sheet is based on our current level of knowledge and on national and community regulations. The mixture must not be used for other uses than those specified in section 1 without having first obtained written handling instructions. It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations. The information in this safety data sheet must be regarded as a description of the safety requirements relating to the mixture and not as a guarantee of the properties thereof.

#### Revision notes

\* Changes since the last version

#### Abbreviations

WGK : Wassergefährdungsklasse (Water Hazard Class).

#### Methods of evaluating information referred to in Article 9 of Regulation (EC) No 1272/2008 for the purpose of classification

Classification based on the components