

# MATERIAL SAFETY DATA SHEET

EC 1907 / 2006  
state: 01.02.2018  
page 1/6

## Exakt 187-LE

### 1. Identification of the product and of the company

**Trade name:** Bickers Exakt Hotmelt 187-LE  
**Intended use:** Hotmelt adhesive  
**Company / identification:** Bickers GmbH  
Leopoldstr. 15  
D-45139 Essen  
Tel. 0049 -201 / 27 25 53  
Fax: 0049 -201 / 27 49 12

---

**Emergency:** Bickers GmbH

### 2. Hazards identification

#### 2.1 Classification of the substance or mixture:

**Classification (CLP):** The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP)

#### 2.2 Label elements

**Label elements (CLP):** The substance or mixture is not hazardous according to Regulation (EC) No 1272/2008 (CLP)

#### 2.3 Other hazards

None if used properly.

### 3. Composition / information on ingredients

**General chemical description:** Hotmelt adhesive  
**Base substances of preparation:** Hydrocarbon resins

**Declaration of ingredients according to CLP (EC) No 1272/2008:** Contains no dangerous substances exceeding the limits of the EU-Regulation

### 4. First aid measures

#### 4.1 Description of first aid measures

**Inhalation:** Move to fresh air, consult doctor if complaint persists.

**Skin contact:** Molten product. After skin contact cool down immediately with cold water. Do not remove adherent product. Seek medical advice.

**Eye contact:** After contact with the hot melt: cool with water, seek medical attention

**Ingestion:** Rinse mouth, drink 1-2 glasses of water, do not induce vomiting, consult a doctor.

# MATERIAL SAFETY DATA SHEET

EC 1907 / 2006  
state: 01.02.2018  
page 2/6

## Exakt 187-LE

<b>4.2 Most important symptoms and effects, both acute and delayed</b>	No data available.
<b>4.3 Indication of any immediate medical attention and special treatment needed</b>	See section: Description of first aid measures
<b>5. Firefighting measures</b>	
<b>5.1 Extinguishing media</b>	
<b>Suitable extinguishing media:</b>	All common extinguishing agents are suitable.
<b>Extinguishing media which must not be used for safety reasons:</b>	High pressure waterjet
<b>5.2 Special hazards arising from the substance or mixture</b>	In case of fire toxic gases can be released.
<b>5.3 Advice for firefighters:</b>	Wear protective equipment Wear self-contained breathing apparatus.
<b>6. Accidental release measures</b>	
<b>6.1 Personal precautions, protective equipment and emergency procedures:</b>	
	Wear protective equipment.
<b>6.2 Environmental precautions:</b>	Do not empty into drains/ surface water/ ground water.
<b>6.3 Methods and material for containment and cleaning up:</b>	Allow to solidify. Remove mechanically. Dispose of contaminated material as waste according to Chapter 13.
<b>6.4 Reference to the sections:</b>	See advice in chapter 8.
<b>7. Handling and storage</b>	
<b>7.1 Precautions for safe handling:</b>	
<b>Hygiene measures:</b>	Do not eat, drink or smoke while working. Wash hands before work breaks and after finishing work.
<b>7.2 Conditions for safe storage, including any incompatibilities:</b>	Ensure good ventilation/extraction. Store in a cool, dry place. Ensure adequate ventilation.
<b>7.3 Specific end use(s):</b>	Hotmelt adhesive

# MATERIAL SAFETY DATA SHEET

EC 1907 / 2006  
state: 01.02.2018  
page 3/6

## Exakt 187-LE

### 8. Exposure controls / personal protection

**8.1 Control parameters:** None

**Occupational Exposure Limits:** Valid for Germany: None

**Biological Exposure Limits:** None

### 8.2 Exposure controls:

**Engineering controls:** Ensure good ventilation/extraction.

**Respiratory protection:** Suitable breathing mask when there is inadequate ventilation.

**Hand protection:** Wear refractive gloves while working with the hot melt.

**Eye protection:** Protective goggles

**Skin protection:** Wear protective equipment.

### Advices to personal protection equipment:

Use only personal protection that's CE-labelled according to Directive 89/686/EEC (Europe) or to Regulation no. 819 of 19 August 1994 (Norway).

### 9. Physical and chemical properties

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

**Appearance:** X-tra pillow  
solid  
clear, light yellow

**Odor:** little intrinsic odour

**Odor threshold:** No data available / Not applicable

**pH:** Not applicable

**Initial boiling point:** No data available / Not applicable

**Flash Point:** No flash point up to 200°C

**Decomposition temperature:** No data available / Not applicable

**Vapour pressure:** No data available / Not applicable

**Density:** No data available / Not applicable

**Bulk density:** No data available / Not applicable

**Viscosity:** 4.000 – 8.000 mPa.s  
(Brookfield; Instrument: RVT;  
150°C (302°F); speed of  
rotation: 10min-1; Spindle No: 27)

**Viscosity (kinematic):** No data available / Not applicable

**Explosive properties:** No data available / Not applicable

# MATERIAL SAFETY DATA SHEET

EC 1907 / 2006  
state: 01.02.2018  
page 4/6

## Exakt 187-LE

<b>Solubility (qualitative):</b> (20°C(68°F); Solvent: Water)	Insoluble
<b>Solidification temperatures:</b>	No data available / Not applicable
<b>Melting point:</b>	No data available / Not applicable
<b>Flammability:</b>	No data available / Not applicable
<b>Auto-ignition temperature:</b>	No data available / Not applicable
<b>Explosive limits:</b>	No data available / Not applicable
<b>Partition coefficient:</b> n-octanol/water	No data available / Not applicable
<b>Evaporation rate:</b>	No data available / Not applicable
<b>Vapor density:</b>	No data available / Not applicable
<b>Oxidising properties:</b>	No data available / Not applicable
<b>9.2 Other information:</b>	
<b>Softening point/range:</b>	75-95°C (167-203°F)
<b>10. Stability and reactivity</b>	
<b>10.1 Reactivity:</b>	None if used intended purpose.
<b>10.2 Chemical stability:</b>	Stable under recommended storage conditions.
<b>10.3 Possibility of hazardous reactions:</b>	See section reactivity
<b>10.4 Conditions to avoid:</b>	None if used for intended purpose.
<b>10.5 Incompatible materials:</b>	None if used properly.
<b>10.6 Hazardous decomposition products:</b>	None decomposition if used according to specifications.
<b>11. Toxicological information</b>	
<b>General toxicological information:</b>	To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

# MATERIAL SAFETY DATA SHEET

EC 1907 / 2006  
state: 01.02.2018  
page 5/6

## Exakt 187-LE

### 12. Ecological information

**General ecological information:** Do not empty into drains, soil or bodies of water.

**12.1 Toxicity** No data available.

**12.2 Persistence and degradability** No data available.

**12.3 Bioaccumulate potential /  
12.4 Mobility in soil** No data available.

**12.5 Results of PBT and vPvB  
Assessment** No data available.

**12.6 Other adverse effects** No data available.

### 13. Disposal considerations

#### 13.1 Waste treatment methods:

**Product disposal:** In consultation with the responsible local authority, must be subjected to special treatment.

**Waste code:**  
manufacturer  
products  
as a

The valid EWC waste code numbers are source-related. The is therefore unable to specify EWC waste codes for the articles or used in the various sectors. The EWC codes listed are intended as a recommendation for users. We will be happy to advise you.  
08 04 10 Waste adhesives and sealants other than those mentioned in  
08 04 09.

### 14. Transport information

**14.1 UN number** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.2 UN proper shipping name** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.3 Transport hazard class(es)** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.4 Packaging group** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.5 Environmental hazards** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.6 Special precautions for user** Not hazardous according to RID, ADR, ADN, IMDG, IATA-DGR.

**14.7 Transport in bulk according to  
Annex II of MARPOL 73/78 and the  
IBC Code** Not applicable

# MATERIAL SAFETY DATA SHEET

EC 1907 / 2006  
state: 01.02.2018  
page 6/6

## Exakt 187-LE

Haftung kann we

### 15. Regulations – classification and identification

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

VOC content 0,00%  
(VOCV 814.018 VOC  
regulation CH)

#### National regulations/information (Germany):

**WGK:** 1, slightly water-endangering product. (German VwVwS of July 27, 2005)  
Classification in conformity with the calculation method 11

**Storage class according to TRGS 510:**

---

### 16. Other Information

#### Further information:

This information is based on our current level of knowledge and relates to the product in the state in which it is delivered. It is intended to describe our products from the point of view of safety requirements and is not intended to guarantee any particular properties.

#### Label elements (DPD):

The product is not subject to classification according to the calculation methods of the „General Classification Guideline for Preparations of the EC“ as issued in the last version.

