

# SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006 (REACH)

**Revision date:** 26-Jan-2018

**Print date:** 02-Feb-2018

**Version:** 1

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## Hotmelt Adhesives with product code C (polyamide)

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

#### 1.1. Product identifier

**Trade name/designation:**

Hotmelt Adhesives with product code C (polyamide)

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

**Use of the substance/mixture:**

Adhesives, sealants

Reserved for industrial and professional use.

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

**Supplier (manufacturer/importer/only representative/downstream user/distributor):**

**Bühnen GmbH & Co. KG**

Hinterm Sielhof 25

28277 Bremen

DE

**Telephone:** +49 421 5120-0

**Telefax:** +49 421 5120-260

**E-mail:** msds@buehnen.de

**Website:** www.buehnen.de

#### 1.4. Emergency telephone number

Emergency Contact (24 Hour Number) GBK GmbH Global Regulatory Compliance, 24h: +49 (0)6132-84463

### SECTION 2: Hazards identification

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

**Classification according to Regulation (EC) No 1272/2008 [CLP]:**

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 2.2. Label elements

**Labelling according to Regulation (EC) No. 1272/2008 [CLP]**

According to EC directives or the corresponding national regulations the product does not have to be labelled.

#### 2.3. Other hazards

**Adverse human health effects and symptoms:**

Caution! Hot molten mass.

**Other adverse effects:**

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

### SECTION 3: Composition / information on ingredients

#### 3.2. Mixtures

**Description:**

Adhesives

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

**General information:**

No special measures are necessary.

**Following inhalation:**

If experiencing respiratory symptoms: Call a doctor.

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### In case of skin contact:

If skin irritation occurs: Get medical advice/attention. After contact with molten product, cool skin area rapidly with cold water. Do not peel solidified product off the skin.

### After eye contact:

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist.

### After ingestion:

Do NOT induce vomiting. Call a doctor if you feel unwell.

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

No data available

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

No data available

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

#### Suitable extinguishing media:

Co-ordinate fire-fighting measures to the fire surroundings. Carbon dioxide (CO<sub>2</sub>), Extinguishing powder, Water spray jet, alcohol resistant foam

#### Unsuitable extinguishing media:

Full water jet

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

#### Hazardous combustion products:

Carbon monoxide Nitrogen oxides (NO<sub>x</sub>)

### 5.3. Advice for firefighters

No data available

### 5.4. Additional information

Do not inhale explosion and combustion gases. In case of fire: Wear self-contained breathing apparatus.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

##### Personal precautions:

Special danger of slipping by leaking/spilling product.

##### Protective equipment:

Personal protection equipment: see section 8

#### 6.1.2. For emergency responders

No data available

### 6.2. Environmental precautions

No special measures are necessary. Do not allow to enter into surface water or drains.

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

#### For cleaning up:

Melt Allow stiffening. Take up mechanically. Provide adequate ventilation.

#### Other information:

No known hazardous reactions.

### 6.4. Reference to other sections

No data available

### 6.5. Additional information

No data available

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### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

##### Protective measures

##### Advices on safe handling:

Personal protection equipment: see section 8. No special handling advices are necessary.

To follow: Advices on general occupational hygiene

##### Fire prevent measures:

Usual measures for fire prevention.

##### Advices on general occupational hygiene

When using do not eat, drink or smoke.

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

##### Technical measures and storage conditions:

Keep container tightly closed in a cool, well-ventilated place.

##### Requirements for storage rooms and vessels:

Kühl und trocken lagern.

##### Hints on storage assembly:

No special measures are necessary.

**Storage class:** 11 – Combustible solids that cannot be assigned to any of the above storage classes

#### 7.3. Specific end use(s)

No data available

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

No data available

#### 8.2. Exposure controls

##### 8.2.1. Appropriate engineering controls

No data available

##### 8.2.2. Personal protection equipment

##### Eye/face protection:

Wear suitable gloves and eye/face protection.

##### Skin protection:

Wear suitable gloves. Suitable gloves type: Thick fabric heat insulating

##### Respiratory protection:

Provide adequate ventilation.

##### Thermal hazards:

Caution! Hot molten mass.

##### 8.2.3. Environmental exposure controls

No data available

#### 8.3. Additional information

No data available

### SECTION 9: Physical and chemical properties

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

##### Appearance

**Physical state:** solid

**Odour:** not determined

**Colour:** various

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### Safety relevant basis data

parameter		at °C	Method	Remark
pH	not determined			
Melting point	not determined			
Freezing point	not determined			
Initial boiling point and boiling range	not determined			
Decomposition temperature (°C):	not determined			
Flash point	> 230 °C			
Evaporation rate	not determined			
Ignition temperature in °C	not determined			
Upper/lower flammability or explosive limits	not determined			
Vapour pressure	not determined			
Vapour density	not determined			
Relative density	≈ 1 g/cm <sup>3</sup>	20 °C		
Bulk density	not determined			
Water solubility (g/L)			The study does not need to be conducted because the substance is known to be insoluble in water.	
Partition coefficient: n-octanol/water	not determined			
Dynamic viscosity	not determined			
Kinematic viscosity	not determined			

### 9.2. Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

No hazardous reaction when handled and stored according to provisions.

### 10.2. Chemical stability

The product is chemically stable under recommended conditions of storage, use and temperature.

### 10.3. Possibility of hazardous reactions

No known hazardous reactions.

### 10.4. Conditions to avoid

No data available

### 10.5. Incompatible materials

No data available

### 10.6. Hazardous decomposition products

Kohlenmonoxid, Kohlendioxid (CO<sub>2</sub>), Kohlenwasserstoffe.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### Additional information:

There is no requirement for the product to be specially labelled according to EC directives or the corresponding national laws.

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### SECTION 12: Ecological information

#### 12.1. Toxicity

##### Aquatic toxicity:

slightly hazardous to water (WGK 1)

#### 12.2. Persistence and degradability

No data available

#### 12.3. Bioaccumulative potential

No data available

#### 12.4. Mobility in soil

No data available

#### 12.5. Results of PBT and vPvB assessment

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

#### 12.6. Other adverse effects

No data available

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### 13.1.1. Product/Packaging disposal

Waste codes/waste designations according to EWC/AVV

##### Waste code product:

08 04 10	waste adhesives and sealants other than those mentioned in 08 04 09
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##### Waste code packaging:

##### Remark:

Dispose of waste according to applicable legislation.

#### 13.2. Additional information

No data available

### SECTION 14: Transport information

No dangerous good in sense of these transport regulations.

#### 14.1. UN-No.

not relevant

#### 14.2. UN proper shipping name

not relevant

#### 14.3. Transport hazard class(es)

not relevant

#### 14.4. Packing group

not relevant

#### 14.5. Environmental hazards

not relevant

#### 14.6. Special precautions for user

not relevant

#### 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not relevant

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### SECTION 15: Regulatory information

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

##### 15.1.1. EU legislation

No data available

##### 15.1.2. National regulations



[DE] National regulations

#### Water hazard class (WGK)

##### WGK:

1 - schwach wassergefährdend

#### 15.2. Chemical Safety Assessment

For this substance a chemical safety assessment has not been carried out.

#### 15.3. Additional information

No data available

### SECTION 16: Other information

#### 16.1. Indication of changes

No data available

#### 16.2. Abbreviations and acronyms

For abbreviations and acronyms, see table at <http://abbrev.esdscom.eu>

#### 16.3. Key literature references and sources for data

No data available

#### 16.4. Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

##### Classification according to Regulation (EC) No 1272/2008 [CLP]:

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

#### 16.5. Relevant R-, H- and EUH-phrases (Number and full text)

No data available

#### 16.6. Training advice

No data available

#### 16.7. Additional information

Observe technical data sheet.