



## Safety Data Sheet according to Regulation (EC) No 1907/2006

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TECHNOMELT KS 224/2 known as Dorus KS 224/2 natur

sds no. : 100520  
V002.3

Revision: 02.10.2013  
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### SECTION 1: Identification of the substance/mixture and of the company/undertaking

#### 1.1. Product identifier

TECHNOMELT KS 224/2 known as Dorus KS 224/2 natur

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

Intended use:  
hotmelt, based on EVA

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

Henkel AG & Co. KGaA  
Henkelstr. 67  
40589 Düsseldorf

Germany

Phone: +49 (049) 211 797 0  
Fax-no.: +49 (049) 211 798 4008

ua-productsafety.uk@uk.henkel.com

#### 1.4. Emergency telephone number

24 Hours Emergency Tel: +44 (0)1442 278497

### SECTION 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).

##### Classification (DPD):

No classification required.

#### 2.2. Label elements

##### Label elements (CLP):

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

##### 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.

#### 2.3. Other hazards

None if used properly.

### SECTION 3: Composition/information on ingredients

**General chemical description:**

Adhesive

**Base substances of preparation:**

Resin  
Ethylene-vinyl acetate copolymer  
Mineral fillers

**Declaration of the ingredients according to CLP (EC) No 1272/2008:**

Contains no dangerous substances exceeding the limits of the EU-Regulation

**Declaration of ingredients according to DPD (EC) No 1999/45:**

Contains no dangerous substances exceeding the limits of the EU-Regulation

### SECTION 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.

**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**

See section: Description of first aid measures

### SECTION 5: Firefighting measures

**5.1. Extinguishing media**

**Suitable extinguishing media:**

All common extinguishing agents are suitable.

**Extinguishing media which must not be used for safety reasons:**

High pressure waterjet

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

In case of fire toxic gases can be released.

**5.3. Advice for firefighters**

Wear self-contained breathing apparatus.  
Wear protective equipment.

### SECTION 6: Accidental release measures

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

Wear protective equipment.

**6.2. Environmental precautions**

Do not empty into drains / surface water / ground water.

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

Allow to solidify.

Remove mechanically.

Dispose of contaminated material as waste according to Chapter 13.

**6.4. Reference to other sections**

See advice in chapter 8

**SECTION 7: Handling and storage**

**7.1. Precautions for safe handling**

Hygiene measures:

Wash hands before work breaks and after finishing work.

Do not eat, drink or smoke while working.

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

Store in sealed original container protected against moisture and light.

Ensure good ventilation/extraction.

Store in a cool, dry place.

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

hotmelt, based on EVA

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

**8.1. Control parameters**

**Occupational Exposure Limits**

Valid for

Great Britain

None

**Biological Exposure Indices:**

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 the regulation no. 819 of 19 August 1994.

**SECTION 9: Physical and chemical properties****9.1. Information on basic physical and chemical properties**

Appearance	granulate granulated light beige
Odor	specific
Odour threshold	No data available / Not applicable
pH	No data available / 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	1,2 g/cm <sup>3</sup>
(20 °C (68 °F))	
Bulk density	No data available / Not applicable
Viscosity	14.500 - 21.000 mPa.s
(Brookfield; 180 °C (356 °F); speed of rotation: 30 min-1; Spindle No: 29)	
Viscosity (kinematic)	No data available / Not applicable
Explosive properties	No data available / Not applicable
Solubility (qualitative)	Insoluble
(20 °C (68 °F); Solvent: Water)	
Solidification temperature	No data available / Not applicable
Melting point	No data available / Not applicable
Flammability	No data available / Not applicable
Auto-ignition temperature	No data available / Not applicable
Explosive limits	The product is not explosive.
Partition coefficient: n-octanol/water	No data available / Not applicable
Evaporation rate	No data available / Not applicable
Vapor density	No data available / Not applicable
Solid content	100 %
Oxidising properties	No data available / Not applicable
<b>9.2. Other information</b>	
Softening point/range	80 - 90 °C (176 - 194 °F)

**SECTION 10: Stability and reactivity****10.1. Reactivity**

None if used for intended purpose.

**10.2. Chemical stability**

Stable under recommended storage conditions.

**10.3. Possibility of hazardous reactions**

See section reactivity

**10.4. Conditions to avoid**

None if used for intended purpose.

**10.5. Incompatible materials**

None if used properly.

**10.6. Hazardous decomposition products**

At higher temperatures acetic acid may be released.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

#### General toxicological information:

To the best of our knowledge no harmful effects are to be expected if the product is handled and used properly.

## SECTION 12: Ecological information

#### General ecological information:

Do not empty into drains / surface water / ground water.

### 12.1. Toxicity

No data available.

### 12.2. Persistence and degradability

No data available.

### 12.3. Bioaccumulative 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.

## SECTION 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

The valid EWC waste code numbers are source-related. The manufacturer is therefore unable to specify EWC waste codes for the articles or products 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.

### SECTION 14: Transport information

- 14.1. UN number**  
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.
- 14.2. UN proper shipping name**  
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.
- 14.3. Transport hazard class(es)**  
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.
- 14.4. Packaging group**  
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.
- 14.5. Environmental hazards**  
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.
- 14.6. Special precautions for user**  
Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.
- 14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**  
not applicable

### SECTION 15: Regulatory information

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

VOC content 0 %  
(VOCV 814.018 VOC regulation  
CH)

**15.2. Chemical safety assessment**

A chemical safety assessment has not been carried out.

### SECTION 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.