



# Technologies

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**Dorus KS 207 natur**

MSDS-No. : 136600

V001.9

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## 1. Identification of the substance/preparation and of the company/undertaking

**Trade name:**

Dorus KS 207 natur

**Intended use:**

Hotmelt adhesive

**Company name:**

Henkel KGaA

Henkelstr. 67

40191

Düsseldorf

Phone:

+49 (211) 797-0

Germany

**Emergency information:**

The Henkel information service also provides an around-the-clock telephone service on phone no.++49-(0)211-797-3350 for exceptional cases.

## 2. Composition / information on ingredients

**General chemical description:**

Adhesive

**Base substances of preparation:**

Resin

Ethylene-vinyl acetate copolymer

Mineral fillers

**Declaration of ingredients according to 91/155/EC:**

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

## 3. Hazards identification

The product is not hazardous within the meaning of the valid (EU) preparation guideline.

## 4. First-aid measures

**Inhalation:**

Move to fresh air, consult doctor if complaint persist.

**Skin contact:**

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

**Eye contact:**

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

**Ingestion:**

If adverse health effects persist seek medical attention.

## 5. Fire-fighting measures

**Suitable extinguishing media:**

carbon dioxide  
water spray jet  
extinguishing powder

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

High pressure waterjet

**Special protection equipment for firefighters:**

Wear self-contained breathing apparatus.

**Hazardous combustion products:**

carbon monoxide

## 6. Accidental release measures

**Personal precautions:**

Not necessary.

**Environmental precautions:**

Not necessary.

**Clean-up methods:**

Allow to solidify.  
Remove mechanically.  
Dispose of contaminated material as waste according to item 13.

## 7. Handling and storage

**Handling:**

No particular measures required.

**Storage:**

No particular measures required.

## 8. Exposure controls / personal protection

**Components with specific control parameters for workplace:**

none

**Engineering controls:**

No further information, see section 7.

**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

**Advices to personal protection equipment:**

The normal precautions for dealing with chemical products should be taken.

**General protection and hygiene measures:**

When using do not eat or drink.  
Wash hands before work breaks and after finishing work.

## 9. Physical and chemical properties

|   |  |
|---|--|
| Appearance  | solid material<br>granulate<br>light beige |
| Odor:   | typical                                    |
| Flash point   | > 250 °C (> 482 °F)                        |
| Density<br>(20 °C (68 °F))  | 1,48 g/cm <sup>3</sup>                     |
| Viscosity (dynamic)<br>(Brookfield; Instrument: RVT; 200 °C (392 °F); speed of rotation: 10 min-1; Spindle No.: 29) | 50.000 - 80.000 mPas                       |
| Solubility (qualitative)<br>(20 °C (68 °F); Solvent: water)   | insoluble                                  |
| Softening point/range   | 90 - 110 °C (194 - 230 °F)                 |

## 10. Stability and reactivity

**Conditions to avoid:**

No decomposition if used according to specifications.  
Temperatures over appr. 260 °C

**Materials to avoid:**

None if used for intended purpose.

**Hazardous decomposition products:**

No decomposition if used according to specifications.

## 11. Toxicological information

**General toxicological information:**

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

## 12. Ecological information

**General ecological information:**

If used properly the product does not enter the drains.

## 13. Disposal considerations

**Product****Disposal methods:**

The valid EEC waste code numbers are not product-related but are largely source-related. The manufacturer is therefore unable to specify EEC waste codes for the articles or products used in the various sectors. These can be requested from the manufacturer.

## 14. Transport information

**General information:**

Not hazardous according to RID, ADR, ADNR, IMDG, IATA-DGR.

## 15. Regulations - classification and identification

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.

**National regulations/information (Germany)**

|                    |  |
|--------------------|--|
| WGK:               | Not a water-endangering product. (German VwVwS of May 17, 1999 )<br>Appendix 1/2 |
| Storage class VCI: | 11   |

**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.