



## Safety Data Sheet according to (EC) No 1907/2006 - ISO 11014-1

Page 1 of 4

Dorus KS 201/4 natur

SDS no. : 100504

V001.10

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

**Trade name:**

Dorus KS 201/4 natur

**Intended use:**

Hotmelt adhesive

**Company name:**

Henkel AG & Co. KGaA

Henkelstr. 67

40589 Düsseldorf

Germany

Phone: +49 (049) 211 797 0

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

**E-mail address of person responsible for Safety Data Sheet:**

ua-productsafety.de@henkel.com

**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. Hazards identification

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

### 3. Composition / information on ingredients

**General chemical description:**

Adhesive

**Base substances of preparation:**

Resin

Ethylene-vinyl acetate copolymer

Mineral fillers

**Declaration of ingredients according to (EC) No 1907/2006:**

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

### 4. 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.

## 5. Fire fighting measures

**Suitable extinguishing media:**

All common extinguishing agents are suitable.

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

High pressure waterjet

**Special protection equipment for firefighters:**

Wear protective equipment.

Wear self-contained breathing apparatus.

**Hazardous combustion products:**

carbon oxides., Acetic acid

## 6. Accidental release measures

**Personal precautions:**

Wear protective equipment.

See advice in chapter 8

**Environmental precautions:**

Do not empty into drains.

**Clean-up methods:**

Allow to solidify.

Remove mechanically.

Dispose of contaminated material as waste according to item 13.

## 7. Handling and storage

**Storage:**

Ensure good ventilation/extraction.

Avoid moisture.

Store in a cool, dry place.

Keep away from heat and direct sunlight.

## 8. Exposure controls / personal protection

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

none

**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.

**General protection and hygiene measures:**

Do not eat, drink or smoke while working.  
Wash hands before work breaks and after finishing work.

## 9. Physical and chemical properties

**General characteristics:**

Appearance	granulate solid light beige
Odor:	specific

**Phys./chem. properties:**

Flash point	No flash point up to 200 °C
Density (20 °C (68 °F))	1,3 g/cm <sup>3</sup>
Viscosity (dynamic) (Brookfield; 200 °C (392 °F); speed of rotation: 5 min-1; Spindle No: 29)	110.000 - 170.000 mPa.s
Solubility (qualitative) (20 °C (68 °F); Solvent: Water)	Insoluble
Softening point/range	130 - 165 °C (266 - 329 °F)
Explosion limit	The product is not explosive.
Solid content	100 %
VOC content (VOCV 814.018 VOC regulation CH)	0,00 %

## 10. Stability and reactivity

**Conditions to avoid:**

Temperatures over appr. 250 °C  
None known if used to the intended purpose.

**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:**

Do not empty into drains, soil or bodies of water.

### 13. Disposal considerations

**Product disposal:**

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.

In consultation with the responsible local authority, must be subjected to special treatment.

### 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 ) 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.