



Technologies

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Dorus KS 205 natur

MSDS-No. : 100506

V001.7

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

Trade name:

Dorus KS 205 natur

Intended use:

Hotmelt adhesive

Company name:

Henkel KGaA

Henkelstr. 67

40191 Düsseldorf

Germany

Phone: +49 (211) 797-0

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 develop 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 protective equipment.
Wear self-contained breathing apparatus.

Hazardous combustion products:

carbon oxides

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

Handling:

No particular measures required.

Storage:

Store in sealed original container protected against moisture and light.

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

Body protection:

Wear protective equipment.
Protective clothing that covers arms and legs.

Advices to personal protection equipment:

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

General protection and hygiene measures:

Pollution at the working place can be excluded in normal processing procedures.

9. Physical and chemical properties

Appearance	granulate granulate light beige
Odor:	specific
Flash point	> 250 °C (> 482 °F)
Density (20 °C (68 °F))	1,25 g/cm ³
Viscosity (dynamic) (Brookfield; 200 °C (392 °F); speed of rotation: 2,5 min ⁻¹ ; Spindle No: 29)	110.000 - 170.000 mPas
Solubility (qualitative) (Solvent: Water)	insoluble
Softening point/range	110 - 135 °C (230 - 275 °F)
Explosion limit	The product is not explosive.
VOC content (VOCV 814.018 VOC regulation CH)	0 %

10. Stability and reactivity

Materials to avoid:

None if used for intended purpose.

Hazardous decomposition products:

Temperatures over appr. 250 °C
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 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.

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

14. Transport information

General information:

Not hazardous according to RID, ADR, ADN, 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.