



# Technologies

Page 1 of 5

Dorus DD 060

MSDS-No. : 100427

V001.5

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

**Trade name:**

Dorus DD 060

**Intended use:**

Wood adhesives

**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:**

Polyvinyl acetate dispersion

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

Hazardous components CAS-No.	EINECS	content	Classification
Ethanediol 107-21-1	203-473-3	< 5 %	Xn - Harmful; R22

## 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:**

Rinse with running water and soap. Apply replenishing cream. Change all contaminated clothing.

**Eye contact:**

Wash with plenty of water immediately and continue for several minutes, holding eyelid open. Consult a doctor.

**Ingestion:**

If adverse health effects develop seek medical attention.

## 5. Fire fighting measures

**Suitable extinguishing media:**

Carbon dioxide.  
water spray jet  
extinguishing powder  
Alcohol-resistant foam

**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 oxides

## 6. Accidental release measures

**Personal precautions:**

Keep unprotected persons away.  
Avoid contact with skin and eyes.  
See advice in chapter 8

**Environmental precautions:**

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

**Clean-up methods:**

Remove with liquid-absorbing material (sand, peat, sawdust).  
Dispose of contaminated material as waste according to item 13.

## 7. Handling and storage

**Handling:**

Avoid skin and eye contact.  
The normal precautions for dealing with chemical products should be taken.

**Storage:**

Frost-sensitive  
Store frost-free.

**8. Exposure controls / personal protection****Components with specific control parameters for workplace:**

Valid for

Germany

Basis

Germany - Occupational Exposure Limits

Ingredient	ppm	mg/m <sup>3</sup>	Type	Category	Remarks
ethanediol; ethylene glycol 107-21-1	10	26	Occupational Exposure Limit (OEL).	2 If in compliance with the MAK and BAT values, then there should be no risk to the fetus.	TRGS 900
			Skin designation.	Can be absorbed through the skin.	TRGS 900
	20	52	Time Weighted Average (TWA).		EU-2000/39/EC
	40	104	Short Term Exposure Limit (STEL):		EU-2000/39/EC
			Skin designation.	Can be absorbed through the skin.	EU-2000/39/EC
			Short Term Exposure Classification.	Category I: substances for which the localized effect has an assigned OEL or for substances with a sensitizing effect in respiratory passages.	TRGS 900

**Engineering controls:**

No further information, see section 7.

**Respiratory protection:**

Suitable breathing mask when there is inadequate ventilation.

**Hand protection:**

Chemical-resistant protective gloves (EN 374). Suitable materials for short-term contact or splashes (recommended: at least protection index 2, corresponding to > 30 minutes permeation time as per EN 374): nitrile rubber (IIR;  $\geq 0.4$  mm thickness) Suitable materials for longer, direct contact (recommended: protection index 6, corresponding to > 480 minutes permeation time as per EN 374): nitrile rubber (IIR;  $\geq 0.4$  mm thickness) This information is based on literature references and on information provided by glove manufacturers, or is derived by analogy with similar substances. Please note that in practice the working life of chemical-resistant protective gloves may be considerably shorter than the permeation time determined in accordance with EN 374 as a result of the many influencing factors (e.g. temperature). If signs of wear and tear are noticed then the gloves should be replaced.

**Eye protection:**

Wear protective goggles in event of spray hazard.

**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

liquid  
liquid  
white  
specific

Odor:

pH-value  
(20 °C (68 °F))

7,0 - 10,0

Boiling point	100 °C (212 °F)
Flash point	> 100 °C (> 212 °F)
Density	1 g/cm <sup>3</sup>
(20 °C (68 °F))	
Viscosity (dynamic)	250 - 300 mPas
(Brookfield; Instrument: RVT; 20 °C (68 °F); speed of rotation: 20 min <sup>-1</sup> ; Spindle No: 2)	
Solubility (qualitative)	fully miscible
(Solvent: Water)	
Solid content	33 %

## 10. Stability and reactivity

**Conditions to avoid:**

No decomposition if used according to specifications.

**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 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.

**Additional labeling:**

Safety data sheet available for professional user on request.

**National regulations/information (Germany)**

WGK:

1, slightly water-endangering product. (German VwVwS of May 17, 1999)  
Classification in conformity with the calculation method

Storage class VCI:

10

## 16. Other information

Full text of the R-phrases indicated by codes in this safety data sheet. The labeling of the product is indicated in Section 15.  
R22 Harmful if swallowed.

### 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.