

Safety Data Sheet acc. to 1907/2006/EC**Pelikan PELIFIX® All-Purpose-Glue****Pelikan Vertriebsgesellschaft mbH & Co. KG****1. Identification of the substance/preparation and the company**

Trade name: Pelikan PELIFIX® All-Purpose-Glue

Application of the substance/preparation: Adhesive for consumer and/or professional use

Manufacturer/Supplier: Pelikan Vertriebsgesellschaft mbH & Co. KG
Street/PO. Box: Postfach 11 07 55
Nat. Code/Location: D-30102 Hannover Tel.: +49(0)511-6969-0

Further information obtainable from:
 - Chemical Laboratory Tel.: +49(0)5171-299-0 Fax: +49(0)5171-299-249
 - Institut für Umwelttechnik Tel.: +49(0)511-12194-0 Fax: +49(0)511-12194-23
 Dr. Kühnemann und Partner GmbH E-Mail: ifu@kuehnemann.de

Information in case of emergency: Tel.: +49(0)511-12194-0 (Monday – Friday from 9 am till 5 pm)

2. Hazards identification

Hazard description: Highly flammable and irritating
 Classification acc. 1999/45/EG: F R 11
 Xi R 36
 R 66
 R 67

Additional Information concerning particular hazards for human and environment: The product may generate an explosive vapour/air mixture

3. Composition / information on ingredients

Chemical characterization: Preparation of polyvinyl acetate and organic solvents

Dangerous components according to 1999/45/EC:

CAS-No.	EG-No.	Name	Classification Symbol	R-phrases (Pkt. 16)	%
141-78-6	205-500-4	ETHYL ACETATE	F, Xi	11, 36, 66, 67	50
67-64-1	200-662-2	ACETONE	F, Xi	11, 36, 66, 67	20

4. First aid measures

After inhalation: Intake of fresh air. Seek medical advice if necessary

After skin contact: Rinse with soap and water. Skin care. Take off dirty clothes. Seek medical advice if necessary

After eye contact: Rinse with water. Seek medical advice if necessary

After swallowing: Rinse mouth with water. Drink 1 or 2 cups of water. Seek medical advice if necessary.

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5. Fire-fighting measures

Suitable extinguishing agents:	Water mist, foam, powder, carbon dioxide
For safety reasons unsuitable extinguishing agents:	Water jet
Special exposure hazards arising from the product itself, from combustion products or from resulting gases:	An explosive vapour/air mixture may be generated
Special protective equipment for fire-fighters:	Use self-contained breathing apparatus

6. Accidental release measures

Person-related safety precautions:	Avoid inhalation of vapours and skin- or eye-contact.
Measures for environmental protection:	No special measures necessary
Measures for cleaning / collecting:	Pick up with absorbent material and dispose according to point 13

7. Handling and storage

Handling:	Keep off sources of ignition and fire- Don't smoke! Care for enough ventilation while working.
Storage:	Close container well after use and keep it at a cool, dry and well-ventilated place. Protect from heat. Don't store together with food
Additional information:	Explosive vapour/air mixture may be generated even at normal temperatures. Special measures against electrostatic charge are necessary

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ETHYL ACETATE, CAS-Nr.: 141-78-6

Specification: TRGS 900 - German Occupational Exposure Limit Values

Value: 400 ppm / 1 500 mg/m³

Peak limitation: 2(l) duration 15 min, mean; 4 times per shift; interval 1 hour

There is no reason to fear a risk of damage to the developing embryo or foetus when AGW and BGW are adhered to.

ACETONE, CAS-Nr.: 67-64-1

Specification: TRGS 900 - German Occupational Exposure Limit Values

Value: 500 ppm / 1200 mg/m³

Peak limitation: 2(l) duration 15 min, mean; 4 times per shift; interval 1 hour

There is no reason to fear a risk of damage to the developing embryo or foetus when AGW and BGW are adhered to

Limit values of the European Union

ACETONE, CAS-Nr.: 67-64-1

Specification: RL 2000/39/EG

8 hours limit value: 500 ppm / 1210 mg/m³**Personal protective equipment (industrial application only)****Respiratory protection:** In case of insufficient ventilation use respiratory protective device.
Vapour filter A (brown)**Protection of hands:** Wear suitable gloves. Glove material: Butyl rubber (0,5 mm)
(Permeation time \geq 1 hour)**Eye protection:** Wear glasses with side protection**Skin protection:** Apply fatty skin-care product**9. Physical and chemical properties**

Form: Liquid	Colour: Colourless	Odour:	Like alcohol
Boiling range:	No data available	Flashpoint:	15 °C
Ignition temperature	No data available	Vapour pressure:	No data available
Explosion limits: lower:	2,2 Vol %	upper:	13 Vol %
Density at 20°C:	No data available	Viscosity at 25°C:	3500 - 5500 mPas
Solubility in water:	Soluble	pH-value:	No data available

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10. Stability and reactivity

Conditions/substances to be avoided: Avoid contact with strong oxidizers. Avoid nearness of sources of ignition

Dangerous decomposition products: None known if used for intended purpose

11. Toxicological information (ink)

Acute toxicity (LD₅₀): No data available

Additional Information: Irritating effects are possible due to the composition

12. Ecological information

Ecotoxic effects: No data available

Mobility: No data available

Persistence und biodegradability: No data available

Bioaccumulation potential: No data available

Evaluation of PBT-properties: No chemical safety assessment required

13. Disposal consideration

Small residues: domestic waste

Extensive amounts according to local regulations

European waste catalogue: 08 04 09* waste adhesives and sealants containing organic solvents or other dangerous substances

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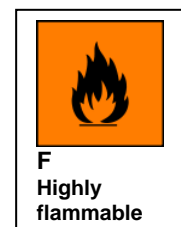
UN-Nr.:	1133	Packaging group:	II
Class:	3	Limited quantity:	LQ 6
Description of goods:	ADHESIVES		
Hazard-determining component:	ETHYL ACETATE		

Maritime transport IMDG:

UN-Nr.:	1133	Packaging group:	II
Class:	3	EmS:	F-E,S-D
Proper shipping name:	ETHYL ACETATE	Marine Pollutant:	no

Air transport ICAO-TI and IATA-DGR:

UN-Nr.:	1133	Packaging group:	II
Class:	3		
Proper shipping name:	ADHESIVES		
Hazard-determining component:	ETHYL ACETATE		

15. Regulatory information**Labelling according to 1999/45/EC:****Code letter and hazard designation of product****Hazard-determining component of labelling:** ETHYL ACETATE

R- phrases:	R 11	Highly flammable
	R 36	Irritating to eyes
	R 66	Repeated exposure may cause skin dryness or cracking
	R 67	Vapours may cause drowsiness and dizziness

S-phrases:	S 2	Keep out of the reach of children
	S 16	Keep away from sources of ignition
	S 26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice
	S 46	If swallowed, seek medical advice immediately and show this container or label
	S 51:	Use only in well ventilated areas

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Safety assessment:	Safety assessments for substances in this preparation are not required
National regulations (Germany)	
Water endangering class:	1 Slightly endangering water (calculated to VwVwS)
TA-Luft:	Chapter 5.2.5 Organic Substances
Statutory order on hazardous incidents (12. BImSchV):	n.a.
Statutory order on solvents (31. BImSchV):	VOC-fraction: 70 %

16. Other information

EU-guidelines / directives

Dangerous preparation directive (1999/45/EC), Dangerous substance directive (67/548/EWG), REACH-directive (EC) Nr. 1907/2006

Restriction of application recommended by the manufacturer:

Not to be used by children

R-phrases mentioned in chapter 2 and 3:

- R 11 Highly flammable
- R 36 Irritating to eyes
- R 66 Repeated exposure may cause skin dryness or cracking
- R 67 Vapours may cause drowsiness and dizziness

Alteration to last edition

Adaptation to REACH-directive (EC) Nr. 1907/2006

This information is based on our present knowledge and describes the product ready for distribution especially the safety aspects. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
