

Safety data sheet
according to Regulation (EC) No 1272/2008

(DE / D)
edelundstein⁺

Trade name : edelPerformance_Liquide

FOR YOUR WALLS AND FLOORS

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edelPerformance_Liquide

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SECTION 1: Identification of the substance or mixture and of the company/undertaking

1.1 Product identifier

edelPerformance_Liquide

1.2 Relevant identified uses of the substance or mixture and uses, of which is discouraged

Relevant identified uses

Resin in solution. For professional use only.

1.3 Supplier (manufacturer/importer/sole representative/downstream user/dealer)

Company name	edelundstein GmbH
Address	Einsteinstraße 12
Location and country	33104 Paderborn GERMANY
	Phone +49 5254 9330731
	fax +49 5254 9330733

E-mail of the competent person, who is responsible for the safety data sheet.	info@edel-und-stein.com
Poison control:	+49 (0) 30 19 240

1.4 Emergency number

For urgent information please contact; Technical Information: Dr. Felix Ferlemann +49 (0) 170 / 7362924
Poison control: +49 (0) 30 19 240

SECTION 2: Potential hazards

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008 [CLP]

None

Additional notes

The product is not classified as dangerous according to CLP Regulation (EC) No 1272/2008.

Comment

Wording of H and EUH phrases: see paragraph 16.

2.2 Marking elements

Labelling according to Regulation (EC) No 1272/2008 [CLP]

Special provisions for supplementary marking elements for certain mixtures

See sections 11 and 12.

2.3 Other risks

Not applicable

2.4 Additional notes

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH, Annex XIII.

SECTION 3: Composition/information on ingredients

3 Mixtures Resin

Dangerous ingredients

None of the substances contained in the mixture exceeds the levels set out in Annex II to Regulation (EC) No 1907/2006

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SECTION 4: First aid measures

4.1 Description of first aid measures

General information

In all cases of doubt or if symptoms are present, seek medical advice

After inhalation

Take the affected person out into the fresh air and keep them warm and quiet. In case of breathing difficulties or respiratory arrest, initiate artificial respiration. If unconscious, place in a stable lateral position and seek medical advice. In case of irritation of the respiratory tract, seek medical advice.

On skin contact

After contact with skin, wash immediately with plenty of soap and water. Change contaminated clothing immediately. Do not wash off with: Detergents, acidic detergents, alkaline solvent/dilution.

In case of skin changes (stinging, redness, rash, blisters, ...) consult this safety data sheet.

After eye contact

In case of contact with eyes, rinse immediately with running water for 10 to 15 minutes with the eyelid held wide open and seek medical advice. Protect uninjured eye.

After swallowing

Call a doctor immediately. Immobilize. DO NOT induce vomiting. If swallowed, rinse mouth with plenty of water (only if the person is conscious) and seek medical attention immediately.

Self protection of the first aider

First aider: Pay attention to self protection!

4.2 Main acute and delayed symptoms and effects

Acute and delayed effects are indicated in sections 2 and 11.

4.3 Indications of emergency medical aid or special treatment

There is no information available.

SECTION 5: Fire-fighting measures

5.1 Extinguishin

Suitable extinguishing media

The product is not flammable, there is a low fire risk due to the flammability properties of the product under normal conditions of storage, handling and use. In case of prolonged combustion due to improper handling, storage or use, any type of extinguishing agent can be used (ABC powder, water, ...).

Unsuitable extinguishing media

none

5.2 Special hazards arising from the substance or mixture

Dangerous products of combustion

Due to its non-flammable nature, the product is not a fire hazard under normal storage, handling and use conditions.

5.3 Instructions for fire fighting

Use suitable breathing apparatus.

Special protective equipment for fire fighting

Wear self-contained breathing apparatus and chemical protection suit.

5.4 Additional notes

Use water spray jet to protect people and to cool containers in the danger area. Do not allow fire-fighting water to enter drains and watercourses. Do not inhale explosion and fire gases.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and in emergency situations procedures to be followed

Use personal protective equipment. Remove all ignition sources. Ensure adequate ventilation. Move people to safety. Pay particular attention to the spread of the gas on the ground (heavier than air) and in the direction of the wind.

6.2 Environmental protection measures

Do not allow to enter the subsoil/ground. Do not allow to enter drains or watercourses.

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6.3 Methods and material for retention and cleaning

For cleaning

It is recommended: Absorb spilled material with sand or inert absorbent and place in a safe place. Do not absorb with sawdust or other flammable absorbents.

6.4 Reference to other sections

Safe handling: see section 7 Disposal: see section 13 Personal protective equipment: see section 8

SECTION 7: Handling and storage

7.1 Protective measures for safe handling

Do not eat, drink, smoke or snort at work.

Protective measures

Useless after freezing. Inhalation of vapours or mists/aerosols Skin contact Eye contact Wear personal protective equipment (see section 8). Always seal containers tightly after product removal.

Do not breathe gas/fumes/vapour/spray. Use only in well-ventilated areas. If local exhaust ventilation is not possible or insufficient, the entire working area must be adequately technically ventilated.

Fire protection measures

Vapours are heavier than air, spread on the ground and form explosive mixtures with air. Keep away from ignition sources - No smoking. The product is: Non-flammable

Fire class : -

7.2 Conditions for safe storage taking into account incompatibilities

Requirements for storage rooms and containers

Keep container tightly closed. Store only in the original container.

Information on storage in one common storage facility

Storage class (TRGS 510) : 10

Recommended storage temperature 5 - 35 °C

Further information on storage conditions

Keep under lock and key and out of the reach of children. Keep container tightly closed and store in a cool, well-ventilated place.

Protect against : Frost

7.3 Specific end-uses

Recommendation

Observe technical data sheet. Follow the instructions for use.

SECTION 8: Exposure controls/Personal protective equipment

8.1 Parameters to be monitored

Occupational Exposure Limits

There are no environmental limit values for the substances contained in the product

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DNEL/DMEL and PNEC values

DNEL/DMEL

Not applicable

PNEC

Not applicable

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8.2 Exposure controls and monitoring

Personal protective equipment

Eye/face protection

Suitable eye protection

Frame goggles with side protection Basket goggles

Required properties

DIN EN 166

Skin protection

Hand protection

Suitable glove type : gauntlet gloves

Suitable material : NBR (nitrile rubber), 0,4mm, >8h; butyl rubber, 0,5mm, >8h; FKM (fluororubber), 0,7mm, >8h;

Recommended glove brands : Manufacturer KCL GmbH/Eichenzell-Germany; Ansell/Yarra City-Australia Or comparable brands of other companies.

Additional hand protection measures : Check for leakage/ impermeability before use.

Note : Breakthrough times and source properties of the material must be taken into account. Chemical protective gloves should be selected specifically for the workplace, depending on the concentration and quantity of hazardous substances. It is recommended that the chemical resistance of the above-mentioned protective gloves for special applications be clarified with the glove manufacturer.

Body protection

Protective clothing.

Suitable body protection : Chemical protective suit Chemical resistant safety shoes

Required characteristics : antistatic.

Recommended body protectors : DIN EN ISO 20345 DIN EN 13034 DIN EN 14605 DIN EN 14404

Note : Creams are not a substitute for body protection.

Respiratory protection

Normally no personal respiratory protection necessary. Respiratory protection is required in case of: insufficient ventilation aerosol or mist formation. high concentrations Spraying method

Suitable breathing apparatus

Combination filter device (EN 14387) Half mask (DIN EN 140) ABEK-P1

Comment

Only use breathing apparatus with CE mark including four-digit test number. The wearing time limits according to GefStoffV in conjunction with the rules for the use of respiratory protection devices (BGR 190) must be observed.

General protection and hygiene measures

Minimum standards for protective measures when handling working materials are listed in TRGS 500. Do not eat, drink, smoke or snort at the workplace. Avoid contact with skin, eyes and clothing. Immediately remove soiled, soaked clothing. Soiled clothing must be washed before reuse. Wash hands before breaks and at the end of work. Use skin care products after work.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties Appearance : liquid

Color : white

Smell : Characteristic

Safety relevant basic data

freezing point :	(1013 hPa)	ap	-10 °C	
Initial boiling point and boiling	(1013 hPa)	ap	88 °C	
Decomposition temperature :	(1013 hPa)		undetermined	
Flash point :		ap	60 °C	closed cup
Ignition temperature :			undetermined	
Continued combustibility			No	UN Test L2:Sustained

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Lower explosion limit :						combustibility test
Upper explosion limit :						
Vapour pressure :	(50 °C)	<	undetermined			
Density :	(20 °C)	approx.	undetermined			
Solvent separation test :	(20 °C)	<	12381 Pa	1 g/cm3	Pycnometer	
Water solubility	(20 °C)			3 %		
pH value :		approx.		mixable		
log P O/W :				5		
Run-down time :	(23 °C)	approx.		undetermined		
Odour threshold :				13 s	ISO cup 4 mm	
Evaporation rate :				undetermined		
VOC-FR				undetermined		
				A+		

9.2 Other information

None

SECTION 10: Stability and reactivity

10.1 Reactivity

There is no information available.

10.2 Chemical stability

The product is stable when stored at normal ambient temperatures.

10.3 Possibility of dangerous reactions

No dangerous reactions occur when handled and stored as intended.

10.4 Conditions to avoid

No dangerous reactions occur when handled and stored as intended.

10.5 Incompatible materials

No data available

10.6 Dangerous decomposition products

Sections 10.3, 10.4 and 10.5 list the specific decomposition products. Depending on the decomposition conditions, complex mixtures of chemical substances may be released: Carbon dioxide (CO₂), carbon monoxide and other organic compounds.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Repeated exposure, prolonged exposure or concentrations above the occupational exposure limit values may cause adverse health effects, depending on the type of exposure:

Acute effects

Acute oral toxicity

Based on the available data, the classification criteria are not met.

Acute dermal toxicity

Based on the available data, the classification criteria are not met.

Acute inhalation toxicity

Based on the available data, the classification criteria are not met.

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Specific symptoms in animal experiments

No data available

Irritation and corrosivity

estimation/classification

Repeated contact can lead to brittle or cracked skin.

CMR effects (carcinogenic, mutagenic and reprotoxic effects)

Carcinogenicity

No evidence of carcinogenicity in humans.

Germ cell mutagenicity

In vivo mutagenicity

Other information

No experimental evidence of in vivo mutagenicity available.

Human toxicological data

Other information

No evidence of germ cell mutagenicity in humans.

Toxicity to reproduction

Experience from practice/with people

No evidence of reproductive toxicity in humans.

Summary assessment of the CMR properties

The ingredients of this mixture do not meet the criteria for CMR categories 1A or 1B according to CLP.

SECTION 12: Environmental information

12.1 Toxicity

Aquatic toxicity

Acute (short-term) fish toxicity

Not available

Chronic (long-term) fish toxicity

Not available

Acute (short-term) daphnia toxicity

Not available

Chronic (long-term) daphnia toxicity

Not available

Acute (short-term) algal toxicity

Not available

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Sediment toxicity

Not available

Behaviour in sewage treatment plants

Observe local drainage regulations.

12.2 Persistence and degradability

No data available

Abiotic degradation

Abiotic degradation in water

Hydrolysis

Biodegradation

No data available

12.3 Bioaccumulation potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of the PBT and vPvB assessment

The substances in the mixture do not fulfil the PBT/vPvB criteria according to REACH,

12.6 Other adverse effects

No data available

12.7 Additional ecotoxicological information

Additional information

The product has not been tested.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Remove in accordance with the official regulations.

Disposal of the product/packaging

For evaluation and disposal according to Appendix 1 and Appendix 2 (Directive 2008/98 / EC), contact the authorised waste disposal company. As under 15 01 (2000/532 / EC) of the code and if the container has been in direct contact with the product, it is processed in the same way as the actual product. Otherwise it is processed as a non-hazardous residue. We do not recommend disposal to the drain. See section 6.2.

13.2 Additional information

These code numbers have been assigned on the basis of the most frequent uses of this material, which means that the formation of pollutants in actual use can be disregarded.

SECTION 14: Transport information

14.1 UN number

Not a hazardous material in the sense of these transport

14.2 UN proper shipping name

Not a hazardous material in the sense of these transport

14.3 Transport hazard classes

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Not a hazardous material in the sense of these transport regulations.

14.4 Packaging group

Not a hazardous material in the sense of these transport regulations.

14.5 Environmental hazards

Not a hazardous material in the sense of these transport regulations.

14.6 Special precautions for the user

None

SECTION 15: Legislation

**15.1 Regulations on safety, health and environmental protection/specific
Legislation applicable to the substance or mixture**

EU legislation

REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures (clp)

Directive 2008/98/EC of the European Parliament and of the Council on waste (2000/532/EC)

EN 2:1992 (DIN EN 2:2005-01; fire classes)

Other EU legislation

Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work (DIRECTIVE 2000/39/EC, DIRECTIVE 2006/15/EC, DIRECTIVE 2009/161/EU)

National regulations

The national legal regulations must also be observed! TRGS 510

Water hazard class (WGK)

Class : 1 (slightly hazardous to water) Classification according to VwVwS

Other regulations, restrictions and prohibitions

Industrial Safety Regulation (BetrSichV)

No flammable liquid according to BetrSichV.

VOCV regulation (CH)

Maximum VOC content (Switzerland) : 9.5% by weight according to VOCV

15.2 Chemical Safety Assessment

There is no information available.

15.3 Additional information

SECTION 16: Other information

16.1 Notice of modification

02. classification of the substance or mixture - 02. labelling elements

16.2 Abbreviations and acronyms

None

16.3 Important literature references and data sources

None

**16.4 Classification of mixtures and assessment method used in accordance with Regulation (EC)
No 1272/2008 [CLP]**

There is no information available.

16.5 Wording of H and EUH phrases (number and full text)

H302 Harmful if swallowed.

H319 Causes severe eye irritation.

H336 May cause drowsiness and dizziness.

H373 May damage the organs with prolonged or repeated exposure.

16.6 Training notes

None

16.7 Additional information

None

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To the best of our knowledge, the information in this safety data sheet is correct at the time of printing. The information is intended to give you guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transport and disposal. The information is not transferable to other products. Insofar as the product is mixed, blended or processed with other materials or is subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.
