

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

### 1.1 Product identifier

# Lisko

CAS number: -  
EC number (EINECS/ELINCS): -  
EC index number: -  
REACH registration number: -

### 1.2 Relevant, identified uses of the substance or mixture and uses advised against

Identified uses of the substance or mixture: Abrading medium  
Not recommended uses of the substance or mixture: Other

### 1.3 Details of the supplier of the safety data sheet

#### Manufacturer

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3

Telephone: 07445 8501 0  
Fax: 07445 2092

D 72285 Pfalzgrafenweiler

#### Supplier

ERKODENT Erich Kopp GmbH  
Siemensstrasse 3

Telephone: 07445 8501 0  
Fax: 07445 2092

D 72285 Pfalzgrafenweiler

#### Information contact

ERKODENT Erich Kopp GmbH

Information Telephone: 07445 8501 21

Information fax:

E-mail (competent person): w.heuchert@erkodent.com

Website: www.erkodent.com

#### National contact

ERKODENT Erich Kopp GmbH

Information Telephone: 07445 8501 0

Information fax:

E-mail (competent person): info@erkodent.com

Website:

### 1.4 Emergency telephone number

ERKODENT Erich Kopp GmbH  
Only available during office hours.

Telephone: 07445 8501 0

### 1.5 Dept. responsible for information

Entwicklung +49 (0) 7445 8501-21

## 2. Hazards identification

### 2.1 Classification of the substance or mixture

Regulation (EC) No 1272/2008: -

Directive 67/548/EEC: -

### 2.2 Label elements

#### 2.2.1 Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms:

Signal word: -  
H phrases: -  
P phrases: -

#### 2.2.2 Labelling according to Directive 67/548/EEC

Hazard symbols:

R phrases: -  
S phrases: -

### 2.3 Other hazards

This substance is classified as not hazardous according to regulation (EC) 1272/2008 [CLP]. This substance is classified as not hazardous according to 67/548/EEC.

## 3. Composition/information on ingredients

### 3.1 Chemical characterization of the substance or mixture

Abrasive fibrous web

### 3.2 Composition of the substance or mixture

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:
Fibrous wb with resin							
Aluminium oxide	215-691-6	1344-28-1				STOT SE 3; H335	Xi; R37
Corundum							

#### Ingredients with EC exposure limits

Substance:	EC-no.:	CAS-No.:	INDEX no.:	REACH-no.:	Concentration:	Classification: EC 1272/2008(CLP):	Classification: 67/548/EEC:

(The wording of the listed risk phrases is given in Chapter 16)

### 3.3 Additional information

none

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## 4. First aid measures

### 4.1 Description of first aid measures

**General information:** No special measures are necessary.

**Following inhalation:** Do not breathe dust. Dust should be exhausted directly at the point of origin. Inhalation of dust may cause irritation of the respiratory system.

**After skin contact:** No special measures are necessary. Not an irritant.

**Following eye contact:** Rinse immediately carefully and thoroughly with eye-bath or water.

**After ingestion:** No special measures are necessary.

**Self-protection:** First aid assistant: Pay attention to self-protection!

### 4.2 Most important symptoms and effects, both acute and delayed

**Symptoms:** No information available.

**Nature of Hazard:** No information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

**Emergency aid:** No information available.

**Treatment:** No information available.

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## 5. Fire fighting measures

### 5.1 General information

The product itself is not combustible.

### 5.2 Extinguishing media

**Suitable:** Extinguishing materials should be selected according to the surrounding area.

**Unsuitable:** Extinguishing materials should be selected according to the surrounding area.

### 5.3 Special hazards arising from the substance or mixture

No information available.

### 5.4 Advice for fire fighters

#### Special protective equipment for fire-fighters

In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

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## 6. Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

No special measures are necessary.

### 6.2 Environmental precautions

No special environmental protection measures are necessary.

### 6.3 Methods and materials for containment and cleaning up

Allow stiffening. Collect mechanically.

### 6.4 References to other sections

Treat the recovered material as prescribed in the section on waste disposal.

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## 7. Handling and storage

### 7.1 Precautions for safe handling

#### Information for safe handling

Avoid generation of dust. Dust must be vacuumed up immediately at the place it occurs.

#### Technical measures

Use extractor hood (laboratory).

#### Precautions against fire and explosion

Non-combustible solids. No special fire protection measures are necessary.

#### Additional information

none

### 7.2 Conditions for safe storage, including any incompatibilities

#### Technical measures and storage conditions

No special technical protective measures are necessary.

#### Packaging materials

Keep/Store only in original container.

#### Requirements for storerooms and containers

No special precautionary measures are necessary.

#### Information about storing together in storage facility

No special precautionary measures are necessary.

#### Further information concerning storage conditions

none/none

#### Storage class:

### 7.3 Specific end use(s)

Observe instructions for use.

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## 8. Exposure controls / personal protection

### 8.1 Control parameters

#### 8.1.1 Limits for occupational exposure

##### Exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:

##### EC exposure limit values

Substance:	CAS-No.:	Source:	Occupational exposure limit value:	Limitation of exposure peaks:	Remark:
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### 8.1.2 DNEL and PNEC values

#### DNEL-values

Substance:	CAS-No.:	DNEL/DMEL	Industry	Professional	consumer
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#### PNEC-values

Substance:	CAS-No.:	PNEC	Worker, industry	Worker, professional	consumer
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### 8.1.3 Control-Banding

#### Control-Banding

none

### 8.1.4 Additional information

none

## 8.2 Exposure controls

#### Occupational exposure controls

Technical ventilation of workplace In case of insufficient ventilation, wear suitable respiratory equipment.

#### Chemical handling

Do not eat, drink, smoke or sneeze at the workplace. Wash hands before breaks and at the end of work. Take off immediately all contaminated clothing.

#### Personal protection equipment

Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

#### Respiratory protection

With correct and proper use, and under normal conditions, breathing protection is not required.

#### Hand protection

See chapter 7. No additional measures necessary.

#### Eye protection

Dust protection goggles.

#### Skin protection

Protective clothing Minimum standard for preventive measures while handling with working materials are specified in the TRGS 500.

#### Environmental exposure controls

refer to chapter 7. No further action is necessary.

#### Consumer exposure controls

refer to chapter 7. No further action is necessary.

### 8.3 Exposure scenario

none

## 9. Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**State of matter:** solid  
**Colour:** Different  
**Odour:** odourless  
**Odour threshold:** not determined

#### Safety relevant basis data

Parameter	Value	Unit	Remark
Density:			not determined
Package density:			not determined
pH:			not applicable
Melting point / range:			not determined
Boiling temperature / range:			not determined
Flash point:			not determined
Flammability:			not determined
Lower flammability limit:			not determined
Upper flammability limit:			not determined
Explosion hazard:			not explosive.
Lower explosion limit:			not applicable
Upper explosion limit:			not applicable
Ignition temperature:			none Risk of selfignition.
Decomposition temperature:			not determined
Oxidizing characteristics:			not determined
Vapour pressure:			not applicable
Relative vapour density:			not applicable
Speed of vaporization/evaporation rate:			not applicable
Solubility in water:			insoluble
Fat solubility:			not determined
Solubility in log P O/W (n-octanol / water):	:		not determined
Viscosity:			not applicable
Solvent separation test:			not applicable
Solvent content:			not applicable

## 9.2 Other information

none

## 10. Stability and reactivity

### 10.1 Reactivity

No risks worthy of mention. No data available

### 10.2 Chemical stability

No data available

### 10.3 Possibility of hazardous reactions

No data available

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

No information available.

### 10.6 Hazardous decomposition products

No information available.

## 10.7 Additional information

none

## 11. Toxicological information

### 11.1 Information on toxicological effects

Toxicological data are not available.

#### Acute toxicity

Substance:	CAS-No.:	Toxicological information

#### Specific symptoms in laboratory animals

Toxicological data are not available.

### 11.2 Irritation and etching

#### Irritant effect on the skin

Not an irritant.

#### Irritant effect on the eye

Irritating to eyes. In the case of the formation of dust.

#### Irritant effect on the respiratory tract

none

#### Etching

none

### 11.3 Sensitization

Toxicological data are not available.

### 11.4 Repeated dose toxicity

Toxicological data are not available.

### 11.5 CMR effects

#### Carcinogenicity

No information available.

#### Mutagenicity

No information available.

#### Reproductive toxicity

No information available.

### 11.6 General remarks

No information available.

#### Practical experience

No information available.

#### Other observations

No information available.

#### Additional information

No information available.

## 12. Ecological information

## 12.1 Toxicity

There are no data available on the mixture itself.

### Eco toxicity

Substance:	CAS-No.:	Ecotoxicity

## 12.2 Persistence and degradability

No information available.

## 12.3 Bio accumulative potential

No information available.

## 12.4 Mobility in soil

No information available.

## 12.5 Results of PBT and vPvB assessment

The components in this formulation do not meet the criteria for classification as PBT or vPvB.

## 12.6 Other adverse effects

No information available.

## 12.7 Further ecological information

No information available.

## 12.8 Further details

none

## 13. Disposal considerations

### 13.1 Waste treatment methods

#### Appropriate disposal/Product

Waste disposal according to official state regulations.

#### Appropriate disposal/ packaging

Waste disposal according to official state regulations.

#### Control report for waste code/ waste marking according to EAKV

No information available.

#### Waste key product:

#### Waste key packaging:

#### Remark

Waste disposal according to official state regulations.

## 14. Transport information

### 14.1 Overland transport (ADR/RID)

Proper Shipping name

UN No.:

Label:

Remark:

Packing Group:

Classification code:

Not a hazardous material with respect to these transportation regulations.



## 14.2 Transport by sea (IMDG)

Proper Shipping name

UN-No.:

Label:

EmS-No:

Special Provisions:

Remark:

Packing Group:

MFAG:

Marine pollutant:

Not a hazardous material with respect to these transportation regulations.

## 14.3 Air transport (ICAO-TI / IATA-DGR)

Proper Shipping name

UN/ID-No.:

Label:

Remark:

Packing Group:

Not a hazardous material with respect to these transportation regulations.

## 14.4 Mail

Not a hazardous material with respect to these transportation regulations.

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## 15. Regulatory information

### 15.1 Labelling

Hazardous component(s) for labelling

Special labelling of particular preparations

### 15.2 Safety, health and environmental regulations/legislation specific for the substance or mixture

EU-Regulations

Directive 1999/13/EC on the limitation of emissions of volatile organic compounds (VOC-RL)  
none

Regulation (EC) No 2037/2000 on substances that deplete the ozone layer  
none

Regulation (EC) No 850/2004 on persistent organic pollutants  
none

Regulation (EC) No 689/2008 concerning the export and import of dangerous chemicals  
none

Regulation (EC) No 648/2004 (Detergents regulation)  
none

Restrictions under Title VIII of Regulation (EC) No 1907/2006  
none

National regulations

Moreover, national legislation has to be observed!

Informations on working limitations

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No information available.

**Major Accidents Ordinance**

Not subject to StörfallVO.

**Storage class according to VCI****Water Hazard Class according to VwVwS****Technical Instructions on Air Quality Control (TA-Luft)**

No information available.

**Further regulations, limitations and legal requirements**

none

**15.3 Chemical safety assessment**

**For this preparation a chemical safety assessment has been carried out:**

For this substance a chemical safety assessment has not been carried out.

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**16. Other information****16.1 Wording of the H and R-phrases under paragraph 3**

Regulation (EC) No 1272/2008

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Directive 67/548/EEC

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**16.2 Training instructions**

none

**16.3 Recommended restrictions of use**

none

**16.4 Further remarks**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

**16.5 Documentation of changes**

\* Data changed from previous versions

**16.6 Data sources**

Data arise from reference works and literature.

**16.7 Key and definition**

none

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**17. Appendix**

## 17.1 Exposure scenario

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