

Safety Data Sheet conformable to EC directive 91/155 EEC



Product name: UNISILKON TK 002/500

Date: 4.5.1999

Revision date: 15.08.2002

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

Product name: UNISILKON TK 002/500

Code-No.: 024004

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“Not classified as hazardous according to criteria of Worksafe Australia”

2. Composition/information on ingredients

Chemical characterization : (preparation)

methyl silicone oil

Additional information:

No hazardous ingredients

3. Hazards identification

No particular hazards known.

4. First aid measures

After inhalation

Not applicable

After contact with skin

Wash off with soap and plenty of water.

After contact with eyes

Rinse with plenty of water.

After ingestion

Do not induce vomiting. Obtain medical attention.

Advice to doctor

Treat symptomatically. If swallowed or in the event of vomiting, risk of product entering the lungs.

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5. Fire-fighting measures

Suitable extinguishing media

water spray, foam, dry powder, carbon dioxide (CO₂)

Unsuitable extinguishing media

high volume water jet

Special hazards

In case of fire the following can be released: Carbon monoxide, hydrocarbons

Special protective equipment for firefighters

Standard procedure for chemical fires.

Additional information

Water mist may be used to cool closed containers. In the event of fire and/or explosion do not breathe fumes.

6. Accidental release measures

Personal precautions

Risk of slipping due to leakage/spillage of product.

Environmental precautions

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up/taking up

Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Dispose of absorbed material in accordance with the regulations.

Additional information

None

7. Handling and storage

7.1 Handling

Advice on safe handling

Avoid formation of aerosol.

Advice on protection against fire and explosion

No special precautions required.

7.2 Storage

Requirements on storage rooms and vessels

No special storage conditions required

Incompatible materials

Incompatible with oxidizing agents.

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Further information on storage conditions

Store at room temperature in the original container.

8. Exposure controls/personal protection

8.1 Additional advice on system design

not applicable

8.2 Ingredients and specific control parameters

None

8.3 Personal protective equipment

Respiratory protection

No special protective equipment required.

Hand protection

No special protective equipment required.

Eye protection

No special protective equipment required.

Body protection

No special protective equipment required.

Other protection measures

No special protective equipment required.

General protection and hygiene measures

Clean skin thoroughly after work; apply skin cream. Do not inhale aerosol.

9. Physical and chemical properties

9.1 Appearance

Form: liquid
Colour: colourless
Odour: characteristic

9.2 Safety data

Change in physical state

		Test method
Pour point:	~ -50 °C	DIN ISO 3016
Flash point:	> 300 °C	DIN ISO 2592

Flammability: not applicable °C

Ignition temperature: not applicable °C

Autoflammability: not applicable

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Explosive properties

lower explosion limit: not applicable

upper explosion limit: not applicable

Vapour pressure-first: not applicable

Density: approx. 0,97 g/cm³, 20°C DIN 51757

Water solubility: insoluble g/l

pH value: not applicable

Kinematic viscosity: approx. 365 mm²/s, 40°C DIN 51562

9.3 Further information

None

10. Stability and reactivity

Conditions to avoid

Do not heat above flash point.

Materials to avoid

strong oxidizing agents

Hazardous decomposition products

None under normal use.

Additional information

None

11. Toxicological information

The toxicological data has been taken from products of similar composition.

Acute toxicity : LD50/oral/rat = > 2 g/kg (literature data)

Chronic toxicity : None

Human experience : Health injuries are not known or expected under normal use.

12. Ecological information

Information on elimination (persistence and degradability)

Product is insoluble in water. May be separated out mechanically in purification plants.

Behaviour in environmental compartments

Ecological injuries are not known or expected under normal use.

Ecotoxic effects

Aquatic toxicity is unlikely due to low solubility.

Additional information

Should not be released into the environment.

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13. Advice on disposal

Disposal

Dispose of in accordance with your local, state and federal regulations as used oil for incineration.

Dispose of contaminated packaging and recommended cleaning

Offer rinsed packaging material to local recycling facilities.

14. Transport information

14.1 Land transport

GGVS/GGVE: not applicable

14.2 Inland waterways transport

ADN/ADNR: not applicable

14.3 Sea transport

IMDG-Code: not applicable

14.4 Air transport

ICAO/IATA-DGR: not applicable

14.5 Further Information

Not classified as dangerous in the meaning of transport regulations.

15. Regulatory information

15.1 Labelling according to EU-guidelines

The product does not require a hazard warning label in accordance with EC-directives/German regulations on dangerous substances.

15.2 National regulations

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16. Other information

USDA H 1-approval

Issue-department of Safety Data Sheet: Chemical Documentation, Tel.: +49 - 89 - 7876 - 564

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