

# EU-SAFETY DATA SHEET

Amendment date: 31.07.2002

Date of Printing: 16.10.2007

EU-SDB30210A

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## SHERAMEGA 2000

Super glue

### 1. Substance / preparation and company name

**Product name:**

SHERAMEGA 2000

**Supplier:**

SHERA Werkstoff-Technologie

GmbH & Co. KG

Espohlstr. 53

49448 Lemförde

Germany

Tel.: +49 54 43 - 99 33 - 0

Fax: +49 54 43 - 99 33 - 100

### 2. Composition / Details of components

**Chemical properties**

CAS no.: 7085-85-0

EINECS no.: 2303915

Denomination: Single-componente glue on the basis of ethyl-2-cyanoacrylate

**Description**

Cyano acryl acid ethyl ester.

### 3. Possible dangers

Cyanoacrylate! Sticks skin and eyelids together within few seconds.

### 4. First aid

**After contact with skin**

Immediately wash off with water and soap and flush well.

**After contact with eyes**

Rinse eyes thoroughly with opened eyelid under running water for several minutes and seek medical attention.

**After inhaling**

Ensure supply of fresh air.

**After ingestion**

Summon a doctor immediately.

**Hints for the physician**

Shortness of breath may occur.

**Treatment**

In the event of pulmonary treat initially with dexamethasone metered-dose aerosol.

### 5. Fire fighting

**Suitable fire fighting agents**

CO<sub>2</sub>, powder-type extinguishing agent or water spray jet. Fight larger fires with alcoholresistant foam.

**Particular hazards through the preparation itself, its products of combustion or forming gases**

In the event of heating or fire the formation of toxic gases is possible.

In the event of fire the following can be released: nitrogen oxides (NO<sub>x</sub>), carbon monoxide (CO)

**Special protective fire fighting equipment**

Do not inhale explosion and/or combustion gases.

### 6. Action in the event of accidental release

Not applicable.

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### 7. Handling and storage

#### Handling

##### Tips on safe handling

Ensure good ventilation at workplace. No special measures necessary. Keep container tightly closed. Open and handle container with care.

##### Tips on protection against fire and explosion

Keep away from sources of ignition and do not smoke.

#### Storage

Keep container tightly closed in a cool and dry place.

#### VbF class

All

### 8. Exposure limits and personal safety equipment

#### Tips

Ensure good ventilation at workplace. In case of a very dry atmosphere the humidity of the surrounding air should be increased of at least 50-60% relative air humidity. In case of cyanoacryl acid methyl ester sensitization by inhaling might occur; this is can also not completely be excluded with cyanoacryl acid ethyl ester.

#### General protective and hygiene measures

The customary precautionary measures for handling chemicals are to be observed.

#### Hand protection

Protective gloves or skin protection cream.

#### Eye protection

Tightly fitting goggles.

### 9. Physical and chemical properties

#### Appearance

Odour: characteristic

Form: liquid

Colours: colourless

#### Value/range unit methode

Changes in physical state

Boiling point / range > 200°C

Flashpoint 87°C

Danger of explosion The product is not explosive.

Density at 20°C 1.4 - 1.8 g/cm<sup>3</sup>

Solubility/Mixibility in water not applicable / not or less mixable

Viscosity dynamic at 20°C 2 - 2000 mPas

### 10. Stability and reactivity

#### Thermal decomposition / conditions to be avoided

No decomposition if the product is used correctly.

#### Hazardous reactions

Polymerisation with evolution of heat. Reactions with strong alkalies and oxidants.

Reaction with amines. In case of addition of water warming occur. Reacts violently with water.

### 11. Toxicology information (further information)

#### Primary skin irritation

Irritating effects on the skin and mucous membrane.

#### Irritant effect on eyes

Irritant

#### Sensitization

May cause sensitization by inhalation.

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### 11. Toxicology information (continuation)

#### Additional toxicological tips

In case of appropriate handling and conventional use the product does not cause any toxic affects due to our experience and present information. The substance is subject to declaration according to the latest valid version of the EU lists.

### 12. Ecology information

#### General tips

Water pollution class: 0 (self assessment): generally not water polluting.

### 13. Disposal instructions

#### Recommendation

Can be disposed of as domestic waste considering the necessary technical regulations and after consultation with the disposer and the appropriate authorities.

Polymerize carefully with water or alkali.

#### Waste code

55905 Des.: Glue and adhesive agent, not cured

#### Disposal instructions

Combustion of special category waste.

#### Contaminated packaging:

#### Recommendation

Polymerize carefully with water or alkali.

### 14. Transport information

#### Land transport ADR / . RID and GGVS / GGVE (transnational/inland)

ADR / . RID - GGVS / E class: 3 Flammable liquids

Figure / Letter 3 / 32 c

#### Information

Due to the small quantity regulation, non-hazardous good in case of quantities < 3 litres per container or 42 litre per package

### 15. Regulations

#### Identification requirement according to EWG Directives

The customary precautionary measures for handling chemicals are to be observed.

#### Special labelling for certain preparations

Cyanacrylate - danger! Bonds skin and eyelids in seconds.

Keep out of reach of children.

#### Classification according to VbF

All

#### Water pollution class

WPC: 0 (self assessment) generally not water polluting.

### 16. Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of general properties. It should neither be changed nor transferred to other products. Duplication in an unchanged state is permissible.