

# Safety Data Sheet

## according to 1907/2006/EC, Article 31

Printing date 05.02.2009

Revision: 22.05.2008

### 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Cementol Elastosil 34
- **Application of the substance / the preparation** Flexibilitating additive
- **Manufacturer/Supplier:**  
TKK Srpenica ob Soci, d.d.  
Srpenica 1  
SLO-5224 Srpenica
- **Further information obtainable from:**  
Tel: +386 (0) 5 384 13 00  
Fax: +386 (0) 5 384 13 90/91  
e-mail: tkk@siol.net
- **Information in case of emergency:** In case of emergency, consult physician.

### 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.

### 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 14548-60-8	Benzyhemiformal	☒ Xn, ☒ Xi; R 21/22-37/38-41-43	< 1,0%
EINECS: 238-588-8			

- **Additional information:** For the wording of the listed risk phrases refer to section 16.

### 4 First aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
If symptoms persist consult doctor.

### 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Use fire extinguishing methods suitable to surrounding conditions.  
The product is not flammable.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
In case of fire, the following can be released:

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Hydrogen chloride (HCl)

- **Protective equipment:** No special measures required.
- **Additional information**  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:**  
Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:**  
Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).  
Dispose of the material collected according to regulations.

### 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store in cool, dry conditions in well sealed receptacles.  
Protect from freezing. Minimum temperature for transport and storage:  $\pm 0^{\circ}\text{C}$ .

### 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:**  
No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:**  
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.  
Do not eat, drink, smoke or sniff while working.  
Wash hands before breaks and at the end of work.
- **Respiratory protection:** Not required.
- **Protection of hands:** Rubber gloves
- **Material of gloves**  
Rubber gloves  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Goggles recommended during refilling

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- **Body protection:** Protective work clothing

### 9 Physical and chemical properties

#### · General Information

<b>Form:</b>	Fluid
<b>Colour:</b>	White
<b>Odour:</b>	Characteristic

#### · Change in condition

<b>Melting point/Melting range:</b>	Undetermined.
<b>Boiling point/Boiling range:</b>	Undetermined.

- **Flash point:** Not applicable.

- **Self-igniting:** Product is not selfigniting.

- **Danger of explosion:** Product does not present an explosion hazard.

- **Density at 20 °C:** ca. 1,0 g/cm<sup>3</sup>

- **Solubility in / Miscibility with water:** Fully miscible.

- **pH-value at 20 °C:** 5,5 - 6,5

- **Solvent content:**  
**Organic solvents:** 0,0 %

### 10 Stability and reactivity

#### · **Thermal decomposition / conditions to be avoided:**

No decomposition if used according to specifications.

- **Dangerous reactions** No dangerous reactions known.

- **Dangerous decomposition products:** No dangerous decomposition products known.

### 11 Toxicological information

#### · **Acute toxicity:**

#### · **LD/LC50 values relevant for classification:**

LD50: oral (rat): > 5000 mg/kg

LC50: (Leuciscicus idius): 1800 mg/l; 48 h

#### · **Primary irritant effect:**

· **on the skin:** No irritant effect.

· **on the eye:** No irritating effect.

· **Sensitization:** No sensitizing effects known.

#### · **Additional toxicological information:**

The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

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### 12 Ecological information

- **Information about elimination (persistence and degradability):**

Heavily biodegradable

- **Ecotoxicological effects:**

- **Other information:** According to our knowledge no damaging effect in purifying plants.

- **General notes:**

Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.

### 13 Disposal considerations

- **Product:**

- **Recommendation**

Must not be disposed together with household garbage. Do not allow product to reach sewage system.

- **Uncleaned packaging:**

- **Recommendation:**

Empty contaminated packagings thoroughly. They may be recycled after thorough and proper cleaning.

Dispose of packaging according to regulations on the disposal of packagings.

- **Recommended cleansing agents:** Water, if necessary together with cleansing agents.

### 14 Transport information

- **Land transport ADR/RID (cross-border)**

- **Remarks:** Not applicable.

- **Maritime transport IMDG:**

- **Marine pollutant:** No

- **Remarks:** Not applicable.

- **Air transport ICAO-TI and IATA-DGR:**

- **Remarks:** Not applicable.

### 15 Regulatory information

- **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

- **Hazard-determining components of labelling:**

Benzylhemiformal

- **Special labelling of certain preparations:**

Contains Benzylhemiformal. May produce an allergic reaction.

### 16 Other information

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

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**· Relevant R-phrases**

21/22 Harmful in contact with skin and if swallowed.

37/38 Irritating to respiratory system and skin.

41 Risk of serious damage to eyes.

43 May cause sensitisation by skin contact.

**· \* Data compared to the previous version altered. 21.02.2007**

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