

## EC Safety Data Sheet

### Risilon-1.000-GLUE

valid for  
**Adhesive for ceramic fabric tapes**

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dichten  
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**RISIUS GMBH**

**Material Safety Data Sheet according 91/155/EWG respective 93/112/EG**

Product name:

**RISILON-1.000-GLUE**

Printdate: 16. Juli 2007

Processed at: 16. Juli 2007

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

**1.1 Product information: Inorganic glue.**

Trade name: Risilon-1.000-GLUE

**1.2 Company / Surpllier:**

Risius GmbH dämmen, dichten, isolieren Marie-Curie-Straße 13 50259 Pulheim, Germany  
Tel.: 00492234/89017 Fax: 00492234/89010

**1.3 Emergency number:**

Tel.: 00492234/89017

**2 Composition / information on ingredients**

**2.1 Chemical Composition:**

Alkali-Silicate

**2.11** CAS-Nr.: 1344-09-8

Chemical name: Sodium Silicate

**2.12** Symbole(s): Xi

R-phrases: R 38 R41

**2.13** Identification numbr(s): 2156874

**3 Hazards identification**

**3.1 Hazard:**

Irritation on skin after contact. Danger for serious eye damage.

**3.2 Special info:**

**4 First-aid measures**

**4.1 After skin contact:**

Irritation expected, wash thoroughly with soap and water. Take off contaminated cloths.

**4.2 After Eye contact:**

Wash with copious quantities of clean water and seek medical attention.

**4.3 After Inhalation:**

Bring person in fresh air.

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**4.4 After Ingestion:**

Take copious quantities of clean water.

**4.5 Further information:**

**5 Fire-Fighting measures**

**5.1 Suitable extinguishing media:**

Material is non-combustible.

**5.2 Unsuitable extinguishing media for safety reasons:**

N/A.

**5.3 Special exposure hazards arising from substance, combustion products, resulting gases:**

N/A.

**5.4 Special protective equipment for fire fighters:**

N/A.

**6 Accidental release measures**

**6.1 Personal precautions:**

Prevent eye- and skin contact.

**6.2 Environmental precautions:**

Prevent penetration into sewer and watercourses.

**6.3 Methods for cleaning up:**

Collect and store in a clean container, disposed material is still usable.

**7 Handling and storage**

**7.1 Precautions:**

Standard precautions. Material attaches to and etches to glass surfaces.

**7.2 Measures to prevent fire and explosion:**

N/A.

**7.3 Conditions for safe storage:**

Protect product from frost and a temperature higher than 60°C Celsius.

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**7.4 Further Information:**

Do not store in galvanised or light weight metal containers.

**8 Exposure controls / personal protection**

**8.1 Control parameters precautionary measures with exposure limits:**

Not relevant

CAS-Nr.	Name of substance	%	Reference	Value	Units
1344-09-8	Sodium-Silicate	50	MAK		mg/m <sup>3</sup>

**8.2 Personal protection:**

**8.21 Respiratory protection:**

Prevent inhalation.

**8.22 Hand protection:**

Wear protected gloves.

**8.23 Eye protection:**

Wear protection for eyes/ and face.

**8.24 Skin protection:**

Wear protective clothes.

**8.3 Common protective hygiene measures:**

Standard industry hygiene measures.

**9 Physical and chemical properties**

Form:	Treacly Liquid
Colour:	beige/grey
Relative density:	1500 kg/m <sup>3</sup>
Partition coefficient:	N/A
Boiling point / boiling range:	100 °C
Melting point / melting range:	1150 °C
Flash point:	N/A
Flammability (solid, gas):	Non combustible
Explosive properties:	N/A
Oxidising properties:	N/A
Solubility in water:	completely mixable
Solubility in other solvents:	not soluble in non-intoxicants

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**10 Stability and reactivity**

**10.1 Stability:**

Product is stable.

**10.2 Conditions to avoid:**

N/A

**10.3 Material to avoid:**

Light weight metal and galvanised metal (composing hydrogen)

**10.4 Hazardous decomposition products:**

Not known.

**11 Toxicological information**

**11.1 Acute toxicity:**

**11.2 By oral capture LD50 rat:**

34000mg/kg (37,5 % soluble, y/x=2,06)

**11.3 By inhalation LC50:**

N/E

**11.4 By skin capture LD50:**

N/E

**11.5 Irritation:**

Skin irritation      Eye irritation

**11.6 Chronic effects:**

N/E

**12 Ecological information**

- N/A -

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**13 Disposal considerations**

**13.1 Product:**

Material should be disposed of according to National or Regional regulations

**13.2 Contaminated packaging:**

Material should be disposed of according to National or Regional regulations

**14 Transport information**

Non dangerous to transport.

**15 Regulatory information**

**15.1 Chemical identity:**

Sodium Silicate

**15.2 Labelling:**

According to EG-regulations.

**15.3 EG-number:**

Non

**15.4 Classification based on:**

Not known.

**15.5 Sybol(s):**



**15.6 R-phrases:**

R41 Serious eye damage  
R38 Skin irritation.

**15.7 S-phrases:**

S26 By eye contact directly rinse with plenty of clean water.  
S27 Undo polluted cloths.  
S28 By skin contact directly rinse with plenty of clean water.  
S37/39 Wear protection gloves and goggles.

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**16 Other information**

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