

**Safety Data Sheet**

according to Regulation (EC) No 1907/2006

**Silicone grease TEF**

Print date: 03.08.2012

Product code: 0402-1

Page 1 of 4

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Silicone grease TEF

**1.2. Relevant identified uses of the substance or mixture and uses advised against****1.3. Details of the supplier of the safety data sheet**

Company name:	Artur Gloeckler GmbH	
Street:	Poststr.6	
Place:	D-63796 Kahl am Main	
Telephone:	+49 6188 9174 0	Telefax: +49 6188 9174 20
e-mail:	info@gloeckler.com	
Contact person:	Mr Bernhard Schmitt	Telephone: +49 6188 9174 11
e-mail:	sdb@gloeckler.com	
Internet:	www.gloeckler.com	

**1.4. Emergency telephone:**

06188-917412

Contact times of emergency phone number: Mon - Fri 7am - 4 pm

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture**

This mixture is not classified as dangerous according to Directive 1999/45/EC.

**2.2. Label elements****SECTION 3: Composition/information on ingredients****3.2. Mixtures****SECTION 4: First aid measures****4.1. Description of first aid measures****After inhalation**

Provide fresh air.

**After contact with skin**

Remove mechanically (e.g. dab away using wadding or cellulose material) then thoroughly wash the affected skin with a mild cleanser and water. Change contaminated clothing.

**After contact with eyes**Rinse immediately carefully and thoroughly with eye-bath or water.  
In case of troubles or persistent symptoms, consult an ophthalmologist.**After ingestion**

Rinse mouth thoroughly with water. Do not induce vomiting. Consult physician immediately.

**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**Extinguishing powder. alcohol resistant foam. Carbon dioxide (CO<sub>2</sub>). Atomized water.**Extinguishing media which must not be used for safety reasons**

High power water jet.

**5.2. Special hazards arising from the substance or mixture**Can be released in case of fire: Fluorhydric acid. Silicon dioxide. Formaldehyde. Carbon dioxide (CO<sub>2</sub>).

## Safety Data Sheet

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### Silicone grease TEF

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Product code: 0402-1

Page 2 of 4

Carbon monoxide.

#### **5.3. Advice for firefighters**

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

#### **Additional information**

Use water spray/stream to protect personnel and to cool endangered containers.

### SECTION 6: Accidental release measures

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

Wear personal protection equipment. Avoid contact with eyes.

#### **6.2. Environmental precautions**

Do not empty into drains or the aquatic environment.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).  
Treat the assimilated material according to the section on waste disposal.

#### **6.4. Reference to other sections**

High slip hazard because of leaking or spilled product.

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Further information on handling**

Take precautionary measures against static discharges. Wear antistatic work clothing.

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

##### **Requirements for storage rooms and vessels**

Keep in a cool, well-ventilated place.

##### **Advice on storage compatibility**

Materials to avoid: Oxidizing agents.

### SECTION 8: Exposure controls/personal protection

#### **8.1. Control parameters**

#### **8.2. Exposure controls**

##### **Protective and hygiene measures**

Change contaminated clothing. Wash hands before breaks and at the end of work. When using do not eat or drink.

##### **Hand protection**

Suitable material: NBR (Nitrile rubber). Breakthrough times and swelling characteristics of the material must be taken into consideration.

##### **Eye protection**

Tightly sealed safety glasses.

##### **Skin protection**

Wear personal protection equipment.

### SECTION 9: Physical and chemical properties

#### **9.1. Information on basic physical and chemical properties**

Physical state:	Paste
Colour:	white - transparent
Odour:	odourless

**Test method**

## Safety Data Sheet

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### Silicone grease TEF

Print date: 03.08.2012

Product code: 0402-1

Page 3 of 4

#### Changes in the physical state

Thermal decomposition: > 150 °C

Flash point: > 300 °C DIN 51376

#### Explosive properties

none/none

Ignition temperature: > 400 °C DIN 51794

Vapour pressure: < 0,01 hPa  
(at 20 °C)

Density (at 25 °C): ca. 1,16 g/cm<sup>3</sup>

Water solubility: insoluble

### SECTION 10: Stability and reactivity

#### 10.4. Conditions to avoid

Protect against: heat.

#### 10.5. Incompatible materials

Oxidizing agents, strong.

#### 10.6. Hazardous decomposition products

Material is stable under normal conditions.

#### Further information

Protect against: cooling (< -40 °C )

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

Following eye contact: mild irritant. After eye contact obscuration of sight is possible due to oil film on the eyeball.

##### Further information

The following refers to the component polydimethylsiloxane: tests at temperatures above 150°C show that a small amount of formaldehyde is formed due to oxidative degradation.

### SECTION 12: Ecological information

#### 12.2. Persistence and degradability

Product is partially biodegradable.

Polytetrafluoroethylene (PTFE). : Experience so far shows this product to be inert and not degradable.

#### 12.3. Bioaccumulative potential

No indication of bio-accumulation potential.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

##### Advice on disposal

Do not empty into drains or the aquatic environment. Waste disposal according to official state regulations.

##### Waste disposal number of waste from residues/unused products

070217 WASTES FROM ORGANIC CHEMICAL PROCESSES; wastes from the MFSU of plastics, synthetic rubber and man-made fibres; wastes containing silicones other than those mentioned in 07 02 16

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Page 4 of 4

**Waste disposal number of contaminated packaging**

150102 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

**SECTION 14: Transport information****Land transport (ADR/RID)****Other applicable information (land transport)**

Not restricted

**Inland waterways transport****Other applicable information (inland waterways transport)**

Not restricted

**Marine transport****Other applicable information (marine transport)**

Not restricted

**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

**SECTION 16: Other information****Changes**

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH)

Revision date: 2010-01-26

**Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*