

# Safety Data Sheet

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



Trade name : Silikat-Fixativ SF  
Revision date : 03.11.2022  
Print date : 03.11.2022

Version : 1.0.0  
Article number : 0658\_\_000

## SECTION 1: Identification of the substance/mixture and of the company/ undertaking

### 1.1 Product identifier

Silikat-Fixativ SF (0658\_\_000)

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### Relevant identified uses

##### Sectors of use [SU]

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

SU21 - Consumer uses: Private households (= general public = consumers)

##### Products Category [PC]

PC 9a - Coatings and paints, thinners, paint removers

### 1.3 Details of the supplier of the safety data sheet

#### Supplier

PUFAS Werk KG

**Street :** Im Schedetal 1

**Postal code/City :** 34346 Hann. Münden

**Telephone :** +49 (0)5541 7003-01

**Telefax :** +49 (0)5541 7003-50

**Information contact :** sds@pufas.de

**Homepage:** www.pufas.de

### 1.4 Emergency telephone number

+49 (0)5541 7003-41/-64

Only available during office hours (Mo-Th 8 - 16 h, Fr 8 - 12.30 h).

## SECTION 2: Hazards identification

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No 1272/2008 [CLP]

None

### 2.2 Label elements

None

### 2.3 Other hazards

This mixture does not contain any substances classified as PBT/vPvB or included in the SVHC-Candidate List.

## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

#### Description

Consist of: Potash water glass, plastic dispersion, water and additives.

#### Hazardous ingredients

None

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

Follow the instructions for use on the label. When in doubt or if symptoms are observed, get medical advice. Change contaminated, saturated clothing.

# Safety Data Sheet

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



Trade name : Silikat-Fixativ SF  
Revision date : 03.11.2022  
Print date : 03.11.2022

Version : 1.0.0  
Article number : 0658\_\_000

## Following inhalation

Provide fresh air. In case of respiratory tract irritation, consult a physician.

## In case of skin contact

After contact with skin, wash immediately with plenty of water and soap.

## After eye contact

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

## Following ingestion

Rinse mouth immediately and drink plenty of water. Call a physician in any case!

## 4.2 Most important symptoms and effects, both acute and delayed

No information available.

## 4.3 Indication of any immediate medical attention and special treatment needed

None

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

### 5.2 Special hazards arising from the substance or mixture

#### Hazardous combustion products

No information available.

### 5.3 Advice for firefighters

#### Special protective equipment for firefighters

Do not inhale explosion and combustion gases. Use suitable breathing apparatus.

## SECTION 6: Accidental release measures

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

No particular measures required.

### 6.2 Environmental precautions

Do not allow to enter into surface water or drains.

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

#### For containment

Soak up inert absorbent and dispose as waste requiring special attention. Do not dry up the product.

### 6.4 Reference to other sections

Safe handling: see section 7 Personal protection equipment: see section 8 Disposal: see section 13

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

#### Protective measures

Avoid contact with skin and eyes. Keep away from food, drink and animal feeding stuffs.

#### Measures to prevent fire

No special measures are necessary.

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

#### Requirements for storage rooms and vessels

Keep/Store only in original container. Keep container tightly closed.

# Safety Data Sheet

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



Trade name : Silikat-Fixativ SF  
Revision date : 03.11.2022  
Print date : 03.11.2022

Version : 1.0.0  
Article number : 0658\_\_000

## Hints on joint storage

No special measures are necessary.

## Further information on storage conditions

Do not store outside. Always keep in containers of same material as the original one. See also instructions on the label. Avoid heating and direct sunlight. Please note safety instructions and directions for use on the drum.

**Do not store at temperatures below :** Avoid cooling to under 0°C.

## 7.3 Specific end use(s)

### Recommendation

Observe technical data sheet.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

None

### 8.2 Exposure controls

#### Personal protection equipment

##### Eye/face protection

###### Suitable eye protection

goggles

##### Skin protection

###### Hand protection

**By long-term hand contact :** rubber gloves. PVC (polyvinyl chloride)

###### Body protection

Wearing of closed working clothes. Remove contaminated, saturated clothing.

##### Respiratory protection

###### Suitable respiratory protection apparatus

Usually no personal respirative protection necessary.

#### General information

The usual precautionary measures for the handling of chemicals have to be observed. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

#### Environmental exposure controls

See also section 6 and 12.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

#### Appearance

**Physical state :** Liquid

**Colour :** whitish

#### Odour

characteristic

#### Safety characteristics

**Melting point/freezing point :** ( 1013 hPa ) approx. 0 °C

**Initial boiling point and boiling range :** ( 1013 hPa ) approx. 100 °C

**Flash point :** not applicable Brookfield

**Auto-ignition temperature :** none

**Lower explosion limit :** not applicable

**Upper explosion limit :** not applicable

# Safety Data Sheet

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



Trade name : Silikat-Fixativ SF  
Revision date : 03.11.2022  
Print date : 03.11.2022

Version : 1.0.0  
Article number : 0658\_\_000

Vapour pressure :	( 50 °C )	approx.	123,5	hPa	
Density :	( 20 °C )	approx.	1,1	g/cm <sup>3</sup>	
Solvent separation test :	( 20 °C )		none		
Water solubility :	( 20 °C )		soluble		
pH :		approx.	11		
Flow time :	( 23 °C )		not relevant		ISO cup 6 mm
Viscosity :	( 20 °C )		not determined		
Cinematic viscosity :	( 40 °C )		not relevant		
VOC-value :		<	1	g/l	

## 9.2 Other information

None

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No information available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (see section 7).

### 10.3 Possibility of hazardous reactions

No information available.

### 10.4 Conditions to avoid

No information available.

### 10.5 Incompatible materials

None, if handled according to order.

### 10.6 Hazardous decomposition products

None, if handled according to order.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

#### Acute toxicity

Based on available data, the classification criteria are not met.

#### Corrosion

No information available.

#### Skin corrosion/irritation

##### Practical experience/human evidence

slightly irritant but not relevant for classification.

#### Respiratory or skin sensitisation

No information available.

#### Repeated dose toxicity (subacute, subchronic, chronic)

No data available

#### CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

##### Carcinogenicity

No information available.

##### Germ cell mutagenicity

No information available.

##### Reproductive toxicity

No information available.

# Safety Data Sheet

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



Trade name : Silikat-Fixativ SF  
Revision date : 03.11.2022  
Print date : 03.11.2022

Version : 1.0.0  
Article number : 0658\_\_000

## STOT-single exposure

No information available.

## STOT-repeated exposure

No information available.

## Aspiration hazard

No information available.

## 11.2 Information on other hazards

### Additional information

This product is unlikely to harm health, given normal and proper handling and hygienic precautions.

## SECTION 12: Ecological information

### 12.1 Toxicity

No information available.

#### Aquatic toxicity

No information available.

#### Sewage treatment plant

Technically correct releases of minimal concentrations to adapted biological sewage plants, will not disturb the biodegradability of activated sludge.

### 12.2 Persistence and degradability

No information available.

### 12.3 Bioaccumulative potential

No information available.

### 12.4 Mobility in soil

No information available.

### 12.5 Results of PBT and vPvB assessment

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6 Endocrine disrupting properties

No information available.

### 12.7 Other adverse effects

No information available.

### 12.8 Additional ecotoxicological information

#### Additional information

Do not allow to enter into surface water or drains.

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

#### Directive 2008/98/EC (Waste Framework Directive)

Dispose according to legislation. Or deposit together with household garbage after hardening. Handle contaminated packages in the same way as the substance itself.

#### After intended use

##### Waste codes/waste designations according to EWC/AVV

##### Waste code product :

08 01 12

##### Waste name product :

waste paint and varnish other than those mentioned in 08 01 11

# Safety Data Sheet

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



Trade name : Silikat-Fixativ SF  
Revision date : 03.11.2022  
Print date : 03.11.2022

Version : 1.0.0  
Article number : 0658\_\_000

**Waste code packaging :**  
15 01 02  
**Waste name packaging :**  
plastic packaging

## SECTION 14: Transport information

### 14.1 UN number

No dangerous good in sense of these transport regulations.

### 14.2 UN proper shipping name

No dangerous good in sense of these transport regulations.

### 14.3 Transport hazard class(es)

No dangerous good in sense of these transport regulations.

### 14.4 Packing group

No dangerous good in sense of these transport regulations.

### 14.5 Environmental hazards

No dangerous good in sense of these transport regulations.

### 14.6 Special precautions for user

None

### 14.7 Maritime transport in bulk according to IMO instruments

not applicable

## SECTION 15: Regulatory information

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

#### EU legislation

#### Other regulations (EU)

#### Directive 2004/42/EC on the limitation of emissions of volatile organic compounds

- EU limit value for this product (cat. A/h, WB): 30 g/l (2010)
- This product contains max 1,0 g/l VOC

#### Labelling for contents according to regulation (EC) No. 648/2004

- this product is not subject to EC Detergent regulation no. 648/2004.

### 15.2 Chemical Safety Assessment

Chemical safety assessments for substances in this mixture were not carried out.

### 15.3 Additional information

None

## SECTION 16: Other information

### 16.1 Indication of changes

None

### 16.2 Abbreviations and acronyms

None

### 16.3 Key literature references and sources for data

None

# Safety Data Sheet

## according to Regulation (EC) No. 1907/2006 (REACH)



**Trade name :** Silikat-Fixativ SF  
**Revision date :** 03.11.2022  
**Print date :** 03.11.2022

**Version :** 1.0.0  
**Article number :** 0658\_\_000

---

### 16.4 Classification for mixtures and used evaluation method according to regulation (EC) No 1272/2008 [CLP]

No information available.

### 16.5 Relevant H- and EUH-phrases (Number and full text)

None

### 16.6 Training advice

None

### 16.7 Additional information

None

---

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

---