

## SAFETY DATA SHEET

# SÜDWEST WDVSmart SilikatPutz K 1.5 white

Ref.	130000008846/
Rev. no.	1.0
Revision Date	28.02.2025
Print Date	02.06.2025

### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

#### 1.1 Product identifier

Trade name SÜDWEST WDVSmart SilikatPutz K 1.5 white

Product code 30114-002

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

Render

Uses advised against This information is not available.

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

SÜDWEST Lacke + Farben GmbH & Co.KG  
Iggelheimer Str. 13  
D - 67459 Böhl-Iggelheim  
Telephone: +49 6324/709-0  
info@suedwest.de  
www.suedwest.de

E-mail address of person responsible for the SDS European Union  
sdb@suedwest.de

**1.4 Emergency telephone number** European Union Phone: +44 (0) 1865 407333

### SECTION 2: HAZARDS IDENTIFICATION

#### 2.1 Classification of the substance or mixture

**Classification (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

#### 2.2 Label elements

**Labelling (REGULATION (EC) No 1272/2008)**

Not a hazardous substance or mixture.

#### Additional Labelling

EUH210 Safety data sheet available on request.

EUH208 Contains 2-octyl-2H-isothiazol-3-one. May produce an allergic reaction.

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

These are preservatives.  
Avoid contact with the skin and the eyes.

EUH211 Warning! Hazardous respirable droplets may be formed when sprayed. Do not breathe spray or mist.

### Regulation concerning biocidal products (528/2012):

Contains 2-octyl-2H-isothiazol-3-one  
, diuron (ISO). As active agents for coating protection in accordance  
with Biocidal Product Regulation (528/2012), Article 58(3)

### 2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

The product is alkaline.

Avoid contact with the skin and the eyes.

The potassium silicate contained in this product (aqueous solution, molar ratio > 3.2 and solid content < 40%) is not subject to marking requirements. Its classification is based on toxicological tests carried out by the CEES (European Centre for Silicate Research - [www.cees-silicates.org](http://www.cees-silicates.org))

## SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

### 3.2 Mixtures

#### Components

Chemical name	CAS-No. EC-No. Index-No. Registration number	Classification	Concentration (% w/w)
titanium dioxide	13463-67-7 236-675-5 01-2119489379-17-XXXX	Carc. 2; H351, Note V, Note W, Note 10	≥ 1 - < 10
2-octyl-2H-isothiazol-3-one	26530-20-1 247-761-7 613-112-00-5	Acute Tox. 2; H330 Acute Tox. 3; H311 Acute Tox. 3; H301 Skin Corr. 1; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410  M-Factor (Acute aquatic toxicity): 100 M-Factor (Chronic aquatic toxicity): 100	≥ 0,0015 - < 0,005

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

		specific concentration limit Skin Sens. 1A ≥ 0,0015 %	
		Acute toxicity estimate  Acute oral toxicity: 125 mg/kg Acute inhalation toxicity: 0,27 mg/l Acute dermal toxicity: 311 mg/kg	

For explanation of abbreviations see section 16.

### SECTION 4: FIRST AID MEASURES

#### 4.1 Description of first aid measures

General advice	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Never give anything by mouth to an unconscious person.
Inhalation	If unconscious, place in recovery position and seek medical advice. Move to fresh air. Keep patient warm and at rest. If breathing is irregular or stopped, administer artificial respiration. If symptoms persist, call a physician.
Skin contact	Take off contaminated clothing and shoes immediately. Wash off immediately with soap and plenty of water. Do NOT use solvents or thinners. If symptoms persist, call a physician.
Eye contact	Wash contaminated clothing before re-use. In case of eye contact, remove contact lens and rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Consult a physician.
Ingestion	Clean mouth with water and drink afterwards plenty of water. Do NOT induce vomiting. Obtain medical attention. Keep at rest.

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

Symptoms No information available.

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

Treatment	Treat symptomatically. No information available.
-----------	---

### SECTION 5: FIREFIGHTING MEASURES

#### 5.1 Extinguishing media

Suitable extinguishing media	Alcohol-resistant foam Carbon dioxide (CO <sub>2</sub> ) Dry chemical
------------------------------	---

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

Unsuitable extinguishing media	Water spray High volume water jet
<b>5.2 Special hazards arising from the substance or mixture</b>	In set state, the product itself is classified as non-combustible in accordance with EN 13501-1.
<b>5.3 Advice for firefighters</b> Additional advice	Fire may cause evolution of: Carbon monoxide Carbon dioxide (CO <sub>2</sub> ) Nitrogen oxides (NO <sub>x</sub> ) Wear self-contained breathing apparatus for firefighting if necessary. Use water spray to cool unopened containers. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

### SECTION 6: ACCIDENTAL RELEASE MEASURES

<b>6.1 Personal precautions, protective equipment and emergency procedures</b>	Ensure adequate ventilation.
<b>6.2 Environmental precautions</b>	The product should not be allowed to enter drains, water courses or the soil. If the product contaminates rivers and lakes or drains inform respective authorities.
<b>6.3 Methods and material for containment and cleaning up</b>	Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13). Sweep up and shovel. Clean with detergents. Avoid solvents. Dispose of contaminated material as waste according to item 13. Clean contaminated surface thoroughly.
<b>6.4 Reference to other sections</b>	Refer to protective measures listed in sections 7 and 8.

### SECTION 7: HANDLING AND STORAGE

#### 7.1 Precautions for safe handling

Advice on safe handling	Do not get in eyes or mouth or on skin. Prevent unauthorized access. Provide sufficient air exchange and/or exhaust in work rooms.
Hygiene measures	Comply with the statutory regulations on health and safety at work. Wash hands before breaks and at the end of workday. When using do not eat, drink or smoke. Avoid contact with the skin and the eyes. Remove and wash contaminated clothing and gloves, including the inside, before re-use.

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

Requirements for storage areas and containers	Containers which are opened must be carefully resealed and kept upright to prevent leakage. Store in original container. Keep in a dry place. Observe label precautions.
Advice on protection against	Protect from frost, heat and sunlight. When exposed to high temperatures may produce hazardous

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

fire and explosion  
Advice on common storage

decomposition products such as carbon monoxide and dioxide, fumes.  
Keep away from oxidizing agents and strongly acid or alkaline materials.

### 7.3 Specific end use(s)

For further information, see also Technical Data Sheet for the product.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1 Control parameters

#### Occupational Exposure Limits

Contains no substances with occupational exposure limit values.  
The lists that were valid during the creation were used as basis.  
Monitoring procedures for the assessment of workplace exposure: standard EN 482

### 8.2 Exposure controls

#### Engineering measures

Provide adequate ventilation.

#### Personal protective equipment

Eye/face protection : Safety glasses with side-shields conforming to EN166  
Eye wash bottle with pure water

#### Hand protection

Material : Nitrile rubber  
Break through time : 480 min  
Glove thickness : 0,4 mm

Remarks : Gloves made of nitrile rubber, e.g. KCL 730 Camatril® Velours (Kächele-Cama-Latex GmbH, Hotline: 0049(0)6659-87-300, kcl-uk@kcl.de), or equivalent. Skin that comes into contact with the product should be treated with protective cream. After such contact, the product concerned should under no circumstances be used.

The selected protective gloves have to satisfy the specifications of Regulation (EU) 2016/425 and the standard EN 374 derived from it. The choice of an appropriate glove does not only depend on its material but also on other quality features and is different from one producer to the other.

Skin and body protection : Impervious clothing  
Skin should be washed after contact.

Respiratory protection : Employees involved in spraying work or in the immediate vicinity of such work should use a P2 particle filter against spray fog.  
Respiratory protection complying with EN 143.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

# SÜDWEST WDVSmart SilikatPutz K 1.5 white

## 9.1 Information on basic physical and chemical properties

Physical state	:	paste
Colour	:	white
Odour	:	Weak, characteristic
Odour Threshold	:	No data available
Melting point/freezing point	:	Not applicable
Initial boiling point and boiling range	:	not applicable
Upper explosion limit / Upper flammability limit	:	No data available
Lower explosion limit / Lower flammability limit	:	No data available
Flash point	:	Not applicable
Decomposition temperature	:	No data available
pH	:	ca. 11,0 - 11,5 (20 °C)
Viscosity Viscosity, dynamic	:	ca. 16.500 mPa.s (20 °C)
Flow time	:	No data available
Solubility(ies) Water solubility	:	completely miscible

# SÜDWEST WDVSmart SilikatPutz K 1.5 white

Partition coefficient: n-octanol/water	:	not determined
Vapour pressure	:	No data available
Density	:	ca. 1,8 g/cm <sup>3</sup> (20 °C)
Relative vapour density	:	No data available

## 9.2 Other information

Explosives	:	Not explosive
Oxidizing properties	:	Not applicable
Flammability (liquids)	:	Not applicable
Self-ignition	:	not auto-flammable
Evaporation rate	:	not applicable

## SECTION 10: STABILITY AND REACTIVITY

### 10.1 Reactivity

No dangerous reaction known under conditions of normal use.

### 10.2 Chemical stability

Stable under normal conditions.

### 10.3 Possibility of hazardous reactions

Hazardous reactions                      This information is not available.

### 10.4 Conditions to avoid

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

### 10.5 Incompatible materials

Materials to avoid                      Strong acids  
Oxidizing agents

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: TOXICOLOGICAL INFORMATION

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

#### Acute toxicity

##### Product:

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

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

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

##### Components:

##### **2-octyl-2H-isothiazol-3-one:**

Acute oral toxicity Acute toxicity estimate: 125 mg/kg  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute inhalation toxicity Acute toxicity estimate: 0,27 mg/l  
Test atmosphere: dust/mist  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

Acute dermal toxicity Acute toxicity estimate: 311 mg/kg  
Method: Acute toxicity estimate according to Regulation (EC) No. 1272/2008

#### Skin corrosion/irritation

##### Product:

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

##### Components:

##### **2-octyl-2H-isothiazol-3-one:**

Causes severe skin burns and eye damage.

#### Serious eye damage/eye irritation

##### Product:

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

##### Components:

##### **2-octyl-2H-isothiazol-3-one:**

Causes serious eye damage.

#### Respiratory or skin sensitisation

##### Product:

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

Exposure routes Skin contact  
Based on available data, the classification criteria are not met.  
The toxicological data has been taken from products of similar composition.

##### Components:

##### **2-octyl-2H-isothiazol-3-one:**

May cause an allergic skin reaction.

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

### Germ cell mutagenicity

#### Product:

Genotoxicity in vitro

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

### Carcinogenicity

#### Product:

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

### Components:

#### titanium dioxide:

Suspected of causing cancer.

### Reproductive toxicity

#### Product:

Effects on fertility

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

Developmental Toxicity

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

### STOT - single exposure

#### Product:

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

### STOT - repeated exposure

#### Product:

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

### Aspiration toxicity

#### Product:

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

### Toxicology, Metabolism, Distribution

#### Further information

#### Product:

The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

## 11.2 Information on other hazards

### Endocrine disrupting properties

#### Product:

Assessment

: The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### Experience with human exposure

#### Product:

General Information

Long-term or repeated contact with the product leads to degreasing of the skin and can cause nonallergenic contact skin damage (contact dermatitis) and / or the resorption of substances.

Danger of irritation to eyes, nose, throat and the air passages.

### Further information

#### Product:

Remarks

: The product itself has not been tested. The mixture is classified in accordance with Annex I to EC Directive 1272/2008. (See sections 2 and 3 for details).

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

### SECTION 12: ECOLOGICAL INFORMATION

#### 12.1 Toxicity

##### Product:

Toxicity to fish No data available

##### Components:

##### 2-octyl-2H-isothiazol-3-one:

Toxicity to fish LC50 (Oncorhynchus mykiss (rainbow trout)): 0,05 mg/l  
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates EC50 (Daphnia magna (Water flea)): 0,42 mg/l  
Exposure time: 48 h

M-Factor (Acute aquatic toxicity) 100

Toxicity to daphnia and other aquatic invertebrates (Chronic toxicity) NOEC: 0,058 mg/l  
Exposure time: 21 d  
Species: Daphnia magna (Water flea)

M-Factor (Chronic aquatic toxicity) 100

#### 12.2 Persistence and degradability

##### Product:

Biodegradability No data available

##### Components:

##### 2-octyl-2H-isothiazol-3-one:

Biodegradability Not readily biodegradable.

#### 12.3 Bioaccumulative potential

##### Product:

Bioaccumulation No data available

#### 12.4 Mobility in soil

##### Product:

Mobility No data available

#### 12.5 Results of PBT and vPvB assessment

##### Product:

Assessment This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

#### 12.6 Endocrine disrupting properties

##### Product:

Assessment : The substance/mixture does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

#### 12.7 Other adverse effects

##### Product:

Additional ecological information The product is alkaline.  
Do not allow product to enter into ground water, bodies of water or sewage systems.

### SECTION 13: DISPOSAL CONSIDERATIONS

# SÜDWEST WDVSmart SilikatPutz K 1.5 white

## 13.1 Waste treatment methods

Product	The user is responsible for proper coding and marking of any waste. When used as recommended, the waste code can be selected according to the code of the European Waste Catalogue (EWC), category 17.09 "Other Construction and Demolition Waste" Allow plaster residues to dry, or thicken with cementitious binders.
Contaminated packaging	Unhardened product residues should be disposed of under the recommended waste code number. Packaging that is not properly emptied must be disposed of as the unused product. Empty packaging should be recycled through disposal systems.
Waste key for the unused product	08 01 12 Waste paint and varnish other than those covered by 08 01 11

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number or ID number

Not regulated as a dangerous good

### 14.2 UN proper shipping name

Not regulated as a dangerous good

### 14.3 Transport hazard class(es)

Not regulated as a dangerous good

### 14.4 Packing group

Not regulated as a dangerous good

### 14.5 Environmental hazards

### 14.6 Special precautions for user

Remarks This information is not available.

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

Remarks Not applicable

## SECTION 15: REGULATORY INFORMATION

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

VOC  
Directive 2010/75/EU 0,2 %

VOC  
Directive 2004/42/EC

# SÜDWEST WDVSmart

## SilikatPutz K 1.5 white

does not fall under Directive 2004/42/EC

Regulation (EU) No 649/2012 of the European Parliament and the Council concerning the export and import of dangerous chemicals

Not applicable

Other regulations

Comply with the statutory regulations on health and safety at work.

### 15.2 Chemical safety assessment

This information is not available.

## SECTION 16: OTHER INFORMATION

Changes from the previous version are indicated by markings in the left-hand margin. The information in this Safety Data Sheet corresponds to our present state of knowledge and conforms to both national and EU legislation. The user's working conditions are, however, beyond our knowledge and control. The user is responsible for complying with all necessary legal requirements. The information in this Safety Data Sheet describes the safety requirements of our product and does not constitute any assurance of product properties.

### Full text of H-Statements

H301	: Toxic if swallowed.
H311	: Toxic in contact with skin.
H314	: Causes severe skin burns and eye damage.
H317	: May cause an allergic skin reaction.
H318	: Causes serious eye damage.
H330	: Fatal if inhaled.
H351	: Suspected of causing cancer if inhaled.
H400	: Very toxic to aquatic life.
H410	: Very toxic to aquatic life with long lasting effects.

### Full text of other abbreviations

Acute Tox.	: Acute toxicity
Aquatic Acute	: Short-term (acute) aquatic hazard
Aquatic Chronic	: Long-term (chronic) aquatic hazard
Carc.	: Carcinogenicity
Eye Dam.	: Serious eye damage
Skin Corr.	: Skin corrosion
Skin Sens.	: Skin sensitisation

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - Agreement concerning the International Carriage of Dangerous Goods by Road; AIIC - Australian Inventory of Industrial Chemicals; ASTM - American Society for the Testing of Materials; bw - Body weight; CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008; CMR - Carcinogen, Mutagen or Reproductive Toxicant; DIN - Standard of the German Institute for Standardisation; DSL - Domestic Substances List (Canada); ECHA - European Chemicals Agency; EC-Number - European Community number; ECx - Concentration associated with x% response; ELx - Loading rate associated with x% response; EmS - Emergency Schedule; ENCS - Existing and New Chemical Substances (Japan); ErCx - Concentration associated with x% growth rate response; GHS - Globally Harmonized System; GLP - Good Laboratory Practice; IARC - International Agency for Research on Cancer; IATA - International Air Transport Association; IBC - International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk; IC50 - Half maximal inhibitory concentration; ICAO - International Civil Aviation Organization; IECSC - Inventory of Existing Chemical Substances in China; IMDG - International Maritime Dangerous Goods; IMO - International Maritime Organization; ISHL - Industrial Safety and Health Law (Japan); ISO - International Organisation for Standardization; KECI - Korea Existing Chemicals Inventory; LC50 - Lethal Concentration to 50 % of a test population; LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose); MARPOL - International Convention for the Prevention of Pollution from Ships; n.o.s.

# SÜDWEST WDVSmart SilikatPutz K 1.5 white

- Not Otherwise Specified; NO(A)EC - No Observed (Adverse) Effect Concentration; NO(A)EL - No Observed (Adverse) Effect Level; NOELR - No Observable Effect Loading Rate; NZIoC - New Zealand Inventory of Chemicals; OECD - Organization for Economic Co-operation and Development; OPPTS - Office of Chemical Safety and Pollution Prevention; PBT - Persistent, Bioaccumulative and Toxic substance; PICCS - Philippines Inventory of Chemicals and Chemical Substances; (Q)SAR - (Quantitative) Structure Activity Relationship; REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals; RID - Regulations concerning the International Carriage of Dangerous Goods by Rail; SADT - Self-Accelerating Decomposition Temperature; SDS - Safety Data Sheet; SVHC - Substance of Very High Concern; TCSI - Taiwan Chemical Substance Inventory; TECL - Thailand Existing Chemicals Inventory; TRGS - Technical Rule for Hazardous Substances; TSCA - Toxic Substances Control Act (United States); UN - United Nations; vPvB - Very Persistent and Very Bioaccumulative

## Further information

### Other information

The assessment was carried out in accordance with Article 6 (5) and Appendix I of EC Directive no. 1272/2008.

It is possible in the interim period that you may find different markings on packaging compared to the Material Safety Data Sheet until stocks have been used up. We ask for your understanding in this matter.

Department issuing MSDS  
REG\_EU / EN

sdb@suedwest.de

**SÜDWEST WDVSmart  
SilikatPutz K 1.5 white**