# Caparol AmphiSilan Fassadenputz FEIN

| Version | Revision Date: | Print Date | Date of last issue: 04.09.2017 |
|---|---|---|---|
| 3.2 | 23.03.2018 | 24.03.2018 | Date of first issue: 24.01.2013 |

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

### 1.1 Product identifier

Trade name : Caparol AmphiSilan Fassadenputz FEIN

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

Use of the Substance/Mixture : Plaster

Recommended restrictions on use : within adequate application - none

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

Company : Caparol Farben Lacke GmbH
Roßdörfer Straße 50
64372 Ober-Ramstadt
Telephone : +496154710
Telefax : +49615471222
E-mail address Responsible/issuing person : msds@dr-rmi.com

### 1.4 Emergency telephone number

Emergency telephone number 1 : +49615471202

## 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.

Precautionary statements : P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.

**Additional Labelling**

EUH208 Contains 1,2-benzisothiazol-3(2H)-one, 2-methyl-2H-isothiazol-3-one. May produce an allergic reaction.

### 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.
Ensure good ventilation during use and drying. Do not eat, drink or smoke while using the product. In case of contact with eyes or skin, immediately and thoroughly rinse with water. Do not allow product to enter drains, waterways or soil. Clean utensils immediately after use with soap and water.
Use P2 dust filter for grinding.
Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.
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## SECTION 3: Composition/information on ingredients

### 3.2 Mixtures

Chemical nature : Silicone resin plaster, aqueous , with film protection

**Hazardous components**

| Chemical name | CAS-No.<br>EC-No.<br>Index-No.<br>Registration number | Classification | Concentration (% w/w) |
|---|---|---|---|
| Kieselguhr, soda ash flux-calcined | 68855-54-9<br>272-489-0<br>21-2119488518-22 | STOT RE 2; H373 | >= 1 - < 5 |
| Substances with a workplace exposure limit : | | | |
| titanium dioxide | 13463-67-7<br>236-675-5<br>01-2119489379-17 | | >= 1 - < 5 |

For explanation of abbreviations see section 16.

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

General advice : First aider needs to protect himself.
Move out of dangerous area.
If you feel unwell, seek medical advice (show the label where possible).
Never give anything by mouth to an unconscious person.

If inhaled : Move to fresh air.

In case of skin contact : In case of contact, immediately flush skin with soap and plenty of water.
Do NOT use solvents or thinners.

In case of eye contact : IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/ attention.

If swallowed : If swallowed, DO NOT induce vomiting.

Clean mouth with water and drink afterwards plenty of water.
Seek medical advice.

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

None known.

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

Treatment : No information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Unsuitable extinguishing media : None known.

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

Specific hazards during firefighting : In case of fire hazardous decomposition products may be produced such as:
Carbon monoxide, carbon dioxide and unburned hydrocarbons (smoke).

### 5.3 Advice for firefighters

Special protective equipment for firefighters : Wear self-contained breathing apparatus for firefighting if necessary.

Further information : The product itself does not burn.
Standard procedure for chemical fires.

## SECTION 6: Accidental release measures

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

Personal precautions : Do not get in eyes, on skin, or on clothing.
Material can create slippery conditions.
Use protective shoes or boots with rough rubber sole.

### 6.2 Environmental precautions

Environmental precautions : Do not flush into surface water or sanitary sewer system.
If the product contaminates rivers and lakes or drains inform respective authorities.
Prevent further leakage or spillage if safe to do so.

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

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

### 6.4 Reference to other sections

For disposal considerations see section 13., For personal protection see section 8.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Advice on safe handling : No special technical protective measures required. For personal protection see section 8.

Hygiene measures : Do not eat, drink or smoke when using this product. Wash hands before eating, drinking, or smoking.

### 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 at room temperature in the original container. To maintain product quality, do not store in heat or direct sunlight. Perishable if frozen.

Advice on common storage : Keep away from oxidizing agents and strongly acid or alkaline materials.

Storage class (TRGS 510) : 12, Non Combustible Liquids

Further information on storage stability : No interior use.

### 7.3 Specific end use(s)

Specific use(s) : Please follow the technical information.

## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

**Occupational Exposure Limits**

| Components | CAS-No. | Value type (Form of exposure) | Control parameters | Basis |
|---|---|---|---|---|
| Kieselguhr, soda ash flux-calcined | 68855-54-9 | AGW (Alveolate fraction) | 0,3 mg/m3 | DE TRGS 900 |
| Further information | Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission)., Diatomeous earth can, depending on its origin, contain quartz. The calcining of silica leads to a higher content of cristobalite, activated silica can contain up to 60 vol.% cristobalite. In examining the exposure to (calcined) silica both the amorphous part (limit value for diatomeous earth resp. calcined silica) and the total of the cristobalite and quartz content (carcinogenic according to TRGS 906) should be established., When there is compliance with the OEL and biological tolerance values, there is no risk of harming the unborn child | | | |
| titanium dioxide | 13463-67-7 | AGW (Inhalable fraction) | 10 mg/m3 (Titanium dioxide) | DE TRGS 900 |
| Peak-limit: excursion factor (catego- | 2;(II) | | | |

| | | | | |
|---|---|---|---|---|
| ry) | | | | |
| Further information | General dust value. For this substance no specific occupational exposure limit value is established, since the AGS does not yet have information regarding unspecific action on the respiratory organs in excess of the normal values., Commission for dangerous substances, Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission). | | | |
| | | AGW (Alveolate fraction) | 1,25 mg/m3 (Titanium dioxide) | DE TRGS 900 |
| Peak-limit: excursion factor (category) | 2;(II) | | | |
| Further information | General dust value. For this substance no specific occupational exposure limit value is established, since the AGS does not yet have information regarding unspecific action on the respiratory organs in excess of the normal values., Commission for dangerous substances, Senate commission for the review of compounds at the work place dangerous for the health (MAK-commission). | | | |

### 8.2 Exposure controls

**Personal protective equipment**

Eye protection : Safety glasses

German trade association rules - BGR 192 Eye protection

Hand protection
- Material : Nitrile rubber
- Glove thickness : 0,2 mm
- Protective index : Class 3

- Remarks : Wear suitable gloves tested to EN374. Before removing gloves clean them with soap and water.
German trade association leaflet: Carry gloves (ZH 1/706)

Skin and body protection : Long sleeved clothing
Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Skin should be washed after contact.

Respiratory protection : No personal respiratory protective equipment normally required.
During spray application: Do not breathe spray dust. Use A2/P2 combination filter for paint spraying.

German trade association rules - BGR 190 Breathing protection

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Appearance : liquid

Colour : No data available

Odour : No data available

| | | |
|---|---|---|
| Odour Threshold | : | Not relevant |
| pH | : | No data available |
| Melting point/freezing point | : | not determined |
| Boiling point/boiling range | : | not determined |
| Flash point | : | Not applicable |
| Evaporation rate | : | Not applicable |
| Flammability (solid, gas) | : | The product is not flammable. |
| Upper explosion limit / Upper flammability limit | : | not determined |
| Lower explosion limit / Lower flammability limit | : | not determined |
| Vapour pressure | : | not determined |
| Relative vapour density | : | not determined |
| Relative density | : | not determined |
| Density | : | 1,8 g/cm3 |
| Solubility(ies) | | |
| Water solubility | : | completely miscible |
| Partition coefficient: n-octanol/water | : | not determined |
| Auto-ignition temperature | : | not determined |
| Decomposition temperature | : | Not applicable |
| Viscosity | | |
| Viscosity, dynamic | : | No data available |
| Explosive properties | : | Not applicable |
| Oxidizing properties | : | Not applicable |

### 9.2 Other information

No data available

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No decomposition if stored and applied as directed.

### 10.2 Chemical stability

No decomposition if stored and applied as directed.

### 10.3 Possibility of hazardous reactions

Hazardous reactions : No decomposition if stored and applied as directed.

### 10.4 Conditions to avoid

Conditions to avoid : Protect from frost, heat and sunlight.

### 10.5 Incompatible materials

Materials to avoid : Incompatible with oxidizing agents.
Incompatible with acids and bases.

### 10.6 Hazardous decomposition products

No decomposition if stored and applied as directed.

## SECTION 11: Toxicological information

### 11.1 Information on toxicological effects

**Acute toxicity**

**Product:**

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

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

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

**Skin corrosion/irritation**

**Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being a skin irritant.

**Serious eye damage/eye irritation**

**Product:**

Remarks: According to the classification criteria of the European Union, the product is not considered as being an eye irritant.

**Respiratory or skin sensitisation**

**Product:**

Remarks: Repeated contact may cause allergic reactions in very susceptible persons.

**Further information**

**Product:**

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

## SECTION 12: Ecological information

### 12.1 Toxicity

**Product:**

| | | |
|---|---|---|
| Toxicity to fish | : | Remarks: No data available |
| Toxicity to daphnia and other aquatic invertebrates | : | Remarks: No data available |

### 12.2 Persistence and degradability

**Product:**

| | | |
|---|---|---|
| Biodegradability | : | Remarks: No data available |

### 12.3 Bioaccumulative potential

**Product:**

| | | |
|---|---|---|
| Bioaccumulation | : | Remarks: No data available |

### 12.4 Mobility in soil

**Product:**

| | | |
|---|---|---|
| Mobility | : | Remarks: No data available |
| Stability in soil | : | Remarks: 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 Other adverse effects

**Product:**

| | | |
|---|---|---|
| Additional ecological information | : | An environmental hazard cannot be excluded in the event of unprofessional handling or disposal. |

## SECTION 13: Disposal considerations

### 13.1 Waste treatment methods

| | | |
|---|---|---|
| Product | : | . |
| | | Materials and all related packaging must be disposed of in a safe way in accordance with the full requirements of the local, regional, national and international authorities.<br>Waste should not be disposed of via wastewater. |
| Contaminated packaging | : | Only completely emptied containers should be given for recy- |

cling.

Waste Code : used product
080112, waste paint and varnish other than those mentioned in 08 01 11*

## SECTION 14: Transport information

### 14.1 UN 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

Not regulated as a dangerous good

### 14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.
see sections 6-8

### 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable for product as supplied.

## SECTION 15: Regulatory information

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

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
Not applicable

Water contaminating class (Germany) : 2 significantly water endangering
Classification according to AwSV, Annex 1 (5.2)

Product code for laquers and paints / Giscode : M-DF02 Water-based paints

. : BSW20 Coating materials, water-based

Volatile organic compounds : Directive 2004/42/EC
< 2 %
< 20 g/l

### 15.2 Chemical safety assessment

A Chemical Safety Assessment is not required for this substance.

## SECTION 16: Other information

**Full text of H-Statements**

| | | |
|---|---|---|
| H373 | : | May cause damage to organs through prolonged or repeated exposure if inhaled. |

**Full text of other abbreviations**

| | | |
|---|---|---|
| STOT RE | : | Specific target organ toxicity - repeated exposure |
| DE TRGS 900 | : | Germany. TRGS 900 - Occupational exposure limit values. |
| DE TRGS 900 / AGW | : | Time Weighted Average |

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road; AICS - Australian Inventory of Chemical Substances; 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. - 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; TCSI - Taiwan Chemical Substance 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:**
**No exposure scenario communication is required for this product according to REACH Regulation No. 1907/2006 EC.**
This product is a mixture and does not contain Substances of Very High Concern (SVHC) equal or above 0.1%. Therefore no advised uses have to be defined and no chemical safety assessment has to be generated.

Communication of Uses is not required in accordance with REACH Article 31(1)(a) - registered substances / mixtures do not meet the criteria for classification as hazardous in accordance with Regulations 1272/2008 EC or 1999/45/EC.

**Sources of key data used to compile the Safety Data Sheet:**
ECHA WebSite
ACGIH (American Conference of Government Industrial Hygienists). 2014 TLVs and BEIs. Threshold Limit Values (TLVs) for chemical substances and physical agents and Biological Exposure Indices (BEIs) with Seventh Edition documentation. 2014 ACGIH, Cincinnati OH
NIOSH - Registry of toxic effects of chemical substances
ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities
SAX'S - Dangerous properties of industrial materials
GESTIS - Database on hazardous substances - Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, Institute for Occupational Safety and Health of the German Social Accident Insurance)
Toxnet - Toxicology Data Network

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not

to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**REACH Information**

According to our legal obligation we implement the Regulation (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH). We will adjust and update our safety data sheets on a regular base in accordance with the information of our up-stream-suppliers. As usual we will inform you about the adjustments.
Regarding to the REACH regulation we would like to point out that DAW as a downstream user will not register on behalf of our company. We will rely on information from our suppliers. As soon as new information is available our safety data sheets will be amended accordingly. This will be put into practice depending on the register-deadline of the substances involved during the transition period from December 1, 2010 till May 31, 2018.

DE / EN