



**SAFETY DATA SHEET**  
**FLOORWISE F500 SILICONE SEALANT 310ml CARTRIDGE**  
according to Regulation (EC) No 1907/2006

**SECTION 1: IDENTIFICATION OF THE SUBSTANCES/MIXTURE AND/OF THE  
COMPANY/UNDERTAKING**

**1.1 Product identifier**

F500 Silicone Sealant

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

Use of the substance/mixture

Sealant

**1.3 Details of the supplier of the Safety Data Sheet**

|                             |                                                                                        |
|-----------------------------|----------------------------------------------------------------------------------------|
| Company name:               | Floorwise Group Ltd<br>Floorwise House<br>22 High Street<br>Kegworth<br>Derby DE74 2DA |
| Emergency telephone number: | +44 (0) 111                                                                            |

**SECTION 2: HAZARDS IDENTIFICATION**

**2.1 Classification of the substance or mixture**

Regulation (EC) No 1272/2008

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2 Label elements**

Regulation (EC) No 1272/2008

**Precautionary statements**

P102 Keep out of reach of children.

**Special labelling of certain mixtures**

EUH208 Contains OIT. May produce an allergic reaction.

EUH210 Safety data sheet available on request.

**Additional advice on labelling**

OIT(2-Octyl-2H-isothiazole-3-on) is encapsulated in the mixture and therefore only available in a small amount freely. In a mixture with similar composition there was no hint of a sensitizing effect in the Buehler test (OECD No. 406). A classification of this silicone with GHS 07 / Warning / H317 is not intended.

**2.3 Other hazards**

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

This article doesn't contain hazardous substances or mixtures intended to be released under normal or reasonably foreseeable conditions of use.



### **SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS**

#### **3.1 Not applicable**

#### **3.2 Mixtures**

##### **Hazardous components**

| CAS No     | Chemical name                                                                                                                                                         |              |                  | Quantity |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------|------------------|----------|
|            | EC No                                                                                                                                                                 | Index No     | REACH No         |          |
|            | GHS Classification                                                                                                                                                    |              |                  |          |
| 17689-77-9 | ETA - Ethyltriacetoxysilane                                                                                                                                           |              |                  | 1 - 4 %  |
|            | 241-677-4                                                                                                                                                             |              | 01-2119881778-15 |          |
|            | Acute Tox. 4, Skin Corr. 1B; H302 H314 EUH071                                                                                                                         |              |                  |          |
| 26530-20-1 | octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]                                                                                                                 |              |                  | < 0,02 % |
|            | 247-761-7                                                                                                                                                             | 613-112-00-5 |                  |          |
|            | Acute Tox. 2, Acute Tox. 3, Acute Tox. 3, Skin Corr. 1, Eye Dam. 1, Skin Sens. 1A, Aquatic Acute 1, Aquatic Chronic 1; H330 H311 H301 H314 H318 H317 H400 H410 EUH071 |              |                  |          |

Full text of H and EUH statements: see section 16

#### **Specific Conc. Limits, M-factors and ATE**

| CAS No     | EC No     | Chemical name                                                                                                                                                                    | Quantity |
|------------|-----------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
|            |           | Specific Conc. Limits, M-factors and ATE                                                                                                                                         |          |
| 17689-77-9 | 241-677-4 | ETA - Ethyltriacetoxysilane                                                                                                                                                      | 1 - 4 %  |
|            |           | oral: ATE = 500 mg/kg                                                                                                                                                            |          |
| 26530-20-1 | 247-761-7 | octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT]                                                                                                                            | < 0,02 % |
|            |           | inhalation: ATE 0,27 mg/kg (dusts or mists); dermal: ATE 311 mg/kg; oral: ATE 125 mg/kg<br>Skin Sens. 1A; H317: >= 0,0015 - 100<br>M acute; H400: M=100<br>M chron.; H410: M=100 |          |

### **SECTION 4: FIRST AID MEASURES**

#### **4.1 Description of first aid measures**

##### **Inhalation**

Remove victim to fresh air and keep at rest in a position comfortable for breathing.

##### **Ingestion**

Rinse mouth thoroughly with water. Do NOT induce vomiting. Call a doctor if you feel unwell.

##### **Skin Contact**

Change contaminated, saturated clothing. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

##### **Eye Contact**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of eye irritation consult an ophthalmologist.

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

Irritation to respiratory tract. Conjunctival redness. For a preparation of very similar composition, minor reversible effects were observed but the preparation was not irritant to skin or eyes according to EU criteria. Product releases acetic acid during curing. After curing, product is odourless and indifferent.

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

There are no data available on the mixture itself. Treat symptomatically.

### **SECTION 5: FIREFIGHTING MEASURES**

#### **5.1 Extinguishing media**

Suitable extinguishing media: carbon dioxide (CO<sub>2</sub>); extinguishing powder; water spray jet; foam. Co-ordinate fire-fighting measures to the fire surroundings.

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

Hazardous combustion products.



### **5.3 Advice for firefighters**

Use suitable breathing apparatus. Protective clothing.

## **SECTION 6: Accidental release measures**

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

#### **General advice**

Personal protection equipment: see section 8

#### **For non-emergency personnel**

No special measures are necessary.

#### **For emergency responders**

No special measures are necessary.

### **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**

Take up mechanically. After complete curing, the product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

#### **For cleaning up**

Clean with a cloth immediately. After curing, the product can in most cases only be removed mechanically.

#### **Other information**

Treat the recovered material as prescribed in the section on waste disposal.

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

Personal protection equipment: see section 8

Disposal: see section 13

Safe handling: see section 7

## **SECTION 7: HANDLING AND STORAGE**

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

#### **Advice on safe handling**

Ensure sufficient ventilation.

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

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

Keep/Store only in original container. Ensure adequate ventilation of the storage area. Avoid high temperatures or direct sunlight.

### **7.3 Specific end use(s)**

No data available.

## **SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

### **8.1 Control parameters**

#### **Additional advice on limit values**

To date, no national critical limit values exist.

### **8.2 Exposure controls**

#### **Individual protection measures, such as personal protective equipment**

##### **Eye/face protection**

Eyeglasses with side protection

##### **Hand protection**

Recommended glove material: E.g. butyl gloves, nitrile gloves

Recommended glove thickness: > 0,4 mm

Permeation time (maximum wear duration): > 1 h.

**Other skin and body protection**

Protective clothing.

**Respiratory protection**

Usually no personal respiratory protection necessary.

**Thermal hazards**

Not applicable

**Hygiene Measures**

Wash hands at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1 Information on basic physical and chemical properties**

|                  |                |
|------------------|----------------|
| Physical state:  | Paste          |
| Colour:          | Various        |
| Odour:           | Characteristic |
| Odour threshold: | Not determined |

**Changes in the physical state**

|                                                           |
|-----------------------------------------------------------|
| Melting point/freezing point:                             |
| Boiling point or initial boiling point and boiling range: |
| Sublimation point:                                        |
| Softening point:                                          |
| Flash point:                                              |
| Lower explosion limits:                                   |
| Upper explosion limits:                                   |
| Auto-ignition temperature:                                |
| Decomposition temperature:                                |
| pH-Value:                                                 |
| Viscosity / dynamic:                                      |
| Viscosity / kinematic (at 40 °C):                         |
| Water solubility:                                         |

**Test method**

|                                                                                                  |
|--------------------------------------------------------------------------------------------------|
| not applicable                                                                                   |
| not determined                                                                                   |
| not applicable                                                                                   |
| not determined                                                                                   |
| > 150 °C DIN ISO 2592                                                                            |
| not applicable                                                                                   |
| not applicable                                                                                   |
| not determined                                                                                   |
| not determined                                                                                   |
| not applicable                                                                                   |
| not determined                                                                                   |
| > 1000 mm <sup>2</sup> /s ISO 3219                                                               |
| The study does not need to be conducted because the substance is known to be insoluble in water. |
| not determined                                                                                   |
| not determined                                                                                   |
| ca. 1.0 g/cm <sup>3</sup>                                                                        |

|                                        |
|----------------------------------------|
| Partition coefficient n-octanol/water: |
| Vapour pressure:                       |
| Density:                               |

**9.2 Other information****Information with regard to physical hazard classes**

|                           |                           |
|---------------------------|---------------------------|
| Sustained combustibility: | Not sustaining combustion |
|---------------------------|---------------------------|

**Other safety characteristics**

|                  |                                      |
|------------------|--------------------------------------|
| Solvent content: | VOC: < 30 g/l<br>VOC (CH): < 30 g/kg |
|------------------|--------------------------------------|

**Further Information**

Not applicable

**SECTION 10: STABILITY AND REACTIVITY****10.1 Reactivity**

The product is stable under storage at normal ambient temperatures.

**10.2 Chemical stability**

Stable under recommended storage and handling conditions.

**10.3 Possibility of hazardous reactions**

May form hazardous decomposition products when exposed to high temperatures.



#### **10.4 Conditions to avoid**

Avoid high temperatures or direct sunlight. Protect from moisture.

#### **10.5 Incompatible materials**

Acid. Oxidising agent, strong. Reducing agent, strong. Water.

#### **10.6 Hazardous decomposition products**

Hazardous combustion products

### **SECTION 11: TOXICOLOGICAL INFORMATION**

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

##### **Acute toxicity**

| CAS No     | Chemical name                                         |                |         |        |        |
|------------|-------------------------------------------------------|----------------|---------|--------|--------|
|            | Exposure route                                        | Dose           | Species | Source | Method |
| 17689-77-9 | ETA - Ethyltriacetoxysilane                           |                |         |        |        |
|            | oral                                                  | ATE 500 mg/kg  |         |        |        |
| 26530-20-1 | octhilinone (ISO); 2-octyl-2H-isothiazol-3-one; [OIT] |                |         |        |        |
|            | oral                                                  | ATE 125 mg/kg  |         |        |        |
|            | dermal                                                | ATE 311 mg/kg  |         |        |        |
|            | inhalation dust/mist                                  | ATE 0,27 mg/kg |         |        |        |

##### **Irritation and corrosivity**

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

##### **Sensitising effects**

Contains OUT. May produce an allergic reaction.

##### **Carcinogenic/mutagenic/toxic effects for reproduction**

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

##### **STOT- single exposure**

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

##### **STOT- repeated exposure**

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

##### **Aspiration hazard**

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

#### **11.2. Information on other hazards**

##### **Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

### **SECTION 12: ECOLOGICAL INFORMATION**

#### **12.1 Toxicity**

| CAS No     | Chemical name               |                  |           |                                 |        |        |
|------------|-----------------------------|------------------|-----------|---------------------------------|--------|--------|
|            | Aquatic toxicity            | Dose             | [h]   [d] | Species                         | Source | Method |
| 17689-77-9 | ETA - Ethyltriacetoxysilane |                  |           |                                 |        |        |
|            | Acute fish toxicity         | LC50 102,74 mg/l | 96 h      | Pimephales promelas             |        |        |
|            | Acute crustacea toxicity    | EC50 84,53 mg/l  | 48 h      | Daphnia magna                   |        |        |
|            | Algae toxicity              | NOEC 16,98 mg/l  | 3 d       | Pseudokirchneriella subcapitata |        |        |

#### **12.2 Persistence and degradability**

Poorly biodegradable.

#### **12.3 Bioaccumulative potential**

No indication of bioaccumulation potential.



#### **12.4 Mobility in soil**

Practically insoluble.

#### **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. This substance does not meet the PBT/vPvB criteria of REACH, Annex XIII.

#### **12.6 Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

No data available

#### **12.7 Other adverse effects**

No indication of other harmful effects.

### **SECTION 13: DISPOSAL CONSIDERATIONS**

#### **13.1 Waste treatment methods**

##### **Disposal recommendations**

After curing, product can be disposed of with domestic or commercial waste. Non-cured material has to be handled as special waste.

##### **List of Wastes Code – residues/unused products**

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

##### **List of Wastes Code - contaminated packaging**

080410 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of adhesives and sealants (including waterproofing products); waste adhesives and sealants other than those mentioned in 08 04 09

##### **Contaminated packaging**

The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

### **SECTION 14: TRANSPORT INFORMATION**

#### **Land transport (ADR/RID)**

##### **14.1 UN number or ID number:**

Not dangerous goods in sense of this transport regulation.

##### **14.2 UN proper shipping name:**

Not dangerous goods in sense of this transport regulation.

##### **14.3 Transport hazard class(es):**

Not dangerous goods in sense of this transport regulation.

##### **14.4 Packing group:**

Not dangerous goods in sense of this transport regulation.

#### **Inland waterways transport (ADN)**

##### **14.1 UN number or ID number:**

Not dangerous goods in sense of this transport regulation.

##### **14.2 UN proper shipping name:**

Not dangerous goods in sense of this transport regulation.

##### **14.3 Transport hazard class(es):**

Not dangerous goods in sense of this transport regulation.

##### **14.4 Packing group:**

Not dangerous goods in sense of this transport regulation.

#### **Marine transport (IMDG)**

##### **14.1 UN number or ID number:**

Not dangerous goods in sense of this transport regulation.

##### **14.2 UN proper shipping name:**

Not dangerous goods in sense of this transport regulation.

##### **14.3 Transport hazard class(es):**

Not dangerous goods in sense of this transport regulation.

##### **14.4 Packing group:**

Not dangerous goods in sense of this transport regulation.

#### **Air transport (ICAO-TI/IATA-DGR)**

##### **14.1 UN number or ID number:**

Not dangerous goods in sense of this transport regulation.

##### **14.2 UN proper shipping name:**

Not dangerous goods in sense of this transport regulation.

**14.3 Transport hazard class(es):**

Not dangerous goods in sense of this transport regulation.

**14.4 Packing group:**

Not dangerous goods in sense of this transport regulation.

**14.5 Environmental hazards**

Not dangerous for the environment

**14.6 Special precautions for user:**

Not dangerous goods in sense of this transport regulation.

**14.7 Maritime transport in bulk according to IMO instrument:**

Not dangerous goods in sense of this transport regulation.

**SECTION 15: REGULATORY INFORMATION****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

Restrictions on use (REACH, annex XVII): Entry 75

**Additional information**

Biocidal Products Regulation (EU 528/2012): "Contains a biocide: OIT. May produce an allergic reaction."

**National regulatory information**

Water hazard class (D): 1 - slightly hazardous to water

**15.2 Chemical safety assessment**

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

**SECTION 16: OTHER INFORMATION****Changes**

This data sheet contains changes from the previous version in section(s): 2,7.

**Relevant H and EUH statements (number and full text)**

|        |                                                       |
|--------|-------------------------------------------------------|
| H301   | Toxic if swallowed.                                   |
| H302   | Harmful 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.                                     |
| H400   | Very toxic to aquatic life.                           |
| H410   | Very toxic to aquatic life with long lasting effects. |
| EUH071 | Corrosive to the respiratory tract.                   |
| EUH208 | Contains OIT. May produce an allergic reaction.       |
| EUH210 | Safety data sheet available on request.               |

**Further Information**

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.

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