

# Product Safety Data Sheet – Structherm VantagePro Silicone

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## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

### 1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Name: Structherm VantagePro Silicone Render

### 1.2 USE OF SUBSTANCE/PREPARATION

Material used in the construction industry

### 1.3 COMPANY/UNDERTAKING IDENTIFICATION

Structherm Limited  
Bent Ley Road  
Meltham  
Holmfirth  
HD9 4AP

**Emergency Telephone:**

UK Emergency Number **999**

European Emergency Number **112**

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## 2. HAZARDS IDENTIFICATION

**Classification under CLP:** -:EUH208

**Hazard Statement(s)**

EUH208: Contains a mixture of: 5-chloro-2-methyl-2h-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2h-isothiazol-3-one [EC No 220-239-6] May produce an allergic reaction.

**Other hazards**

**PBT:** This product is not identified as a PBT/vPvB substance

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## 3. COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 MIXTURES

A mixture of 5-chloro-2-methyl-2h-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2h-isothiazol-3-one [EC No 220-239-6] May produce an allergic reaction.

EINECS	CAS	PBT / WEL	CLP Classification	Percent
-	55965-84-9	-	Acute. Tox. 3: H331; Acute Tox. 3: H311; Acute Tox. 3: H301; Skin Corr. 1B: H314; Skin Sens. 1: H317; Aquatic Acute 1: H400; Aquatic Chronic 1: H410	<0.002%

#### 4. FIRST AID MEASURES

- 4.1  If contacting a physician, take this product safety data sheet with you.
- 4.2  **After Skin Contact**  
Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
- 4.3  **After Significant Ingestion**  
Rinse mouth immediately with plenty of water. Get medical attention if any discomfort continues
- 4.4  **After Significant Inhalation**  
Remove casualty from exposure ensuring one's own safety whilst doing so. If symptoms develop, seek medical attention
- 4.5  **After Contact With Eyes**  
Bathe the eye with running water for 15 minutes. Do not rub eyes, as additional cornea damage is possible by mechanical stress. Get medical attention if eye irritation develops or persists

#### 5. FIRE FIGHTING MEASURES

- 5.1 EXTINGUISHING MEDIA**  
Suitable extinguishing media for the surrounding fire should be used. Use water spray to cool containers
- 5.2 SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE**  
Exposure Hazards: In combustion emits toxic fumes
- 5.3 ADVICE FOR FIRE-FIGHTERS**  
Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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**6. ACCIDENTAL RELEASE MEASURES**
**6.1 PERSONAL PRECAUTIONS**

Refer to section 8 of SDS for personal protection details. Turn leaking containers leak side up to prevent the escape of liquid. Mark out the contaminated area with signs and prevent access to unauthorised personnel.

**6.2 ENVIRONMENTAL PRECAUTIONS**

Do not discharge into drains or rivers. Contain the spillage using bunding.

**6.3 METHODS FOR CLEANING UP**

Absorb into dry earth or sand. Transfer to a closable, labelled salvage container for disposal by an appropriate method.

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**7. HANDLING AND STORAGE****7.1 HANDLING**

Avoid direct contact with the substance. Avoid the formation or spread of mists in the air.

**7.2 STORAGE**

Store in a cool, well ventilated area.

Keep container tightly closed.

The floor of the storage room must be impermeable to prevent the escape of liquids.

**7.3 SPECIFIC USES**

No data available.

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**8. EXPOSURE CONTROLS****8.1 CONTROL PARAMETERS**

A mixture of 5-chloro-2-methyl-2h-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2h-isothiazol-3-one [EC No 220-239-6]

Workplace exposure limits:

Respirable dust

State	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
UK	0.05mg/m <sup>3</sup>	-	-	-

**DNEL/PNEC VALUES**

No data available

## 8.2 EXPOSURE CONTROLS

- 8.2.1  **General**  
The floor of the storage room must be impermeable to prevent the escape of liquid
- 8.2.2  **Respiratory Protection**  
Not required
- 8.2.3  **Hand Protection**  
Protective gloves
- 8.2.4  **Eye Protection**  
Safety glasses
- 8.2.5  **Skin Protection**  
Protective clothing
- 8.2.6 **Environmental Exposure Controls**  
The floor of the storage room must be impermeable to prevent the escape of liquids

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

### 9.1 GENERAL INFORMATION

**Appearance** White Liquid  
**Odour** Faint

### 9.2 IMPORTANT HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

<b>pH</b>	8.0 to 10.0
<b>Evaporation Rate</b>	No data available
<b>Oxidising</b>	No data available
<b>Water Solubility</b>	Partially soluble in
<b>Viscosity</b>	Not tested
<b>Boiling Point/Range</b>	<b>&gt;100°C</b>
<b>Melting Point/Range</b>	No data available
<b>Flammability</b>	The product is not self-igniting
<b>Flash Point</b>	No data available
<b>Partition coefficient:</b>	Not tested
<b>Autoflammability</b>	No data available
<b>Vapour Pressure</b>	No data available
<b>Relative Density</b>	1.85 – 2.01

VOC g/l: 0

## 10. STABILITY AND REACTIVITY

**Reactivity** Stable under recommended transport or storage conditions

**Stability** Stable under normal conditions of use and storage.

### 10.1 CONDITIONS TO AVOID

Heat

### 10.2 MATERIALS TO AVOID

Strong oxidizing agents. Strong acids

### 10.3 HAZARDOUS DECOMPOSITION PRODUCTS

In combustion emits toxic fumes

### 10.4 POSSIBILITY OF HAZARDOUS REACTIONS

Hazardous reactions will not occur under normal transport or storage conditions

## 11. TOXICOLOGICAL DATA

### Non-classified ingredients:

A mixture of 5-chloro-2-methyl-2h-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2h isothiazol-3-one [EC No 220-239-6]

ORL	MUS	LD50	60	mg/kg
ORL	RAT	LD50	53	mg/kg

### 11.2 SYMPTOMS / ROUTE OF EXPOSURE

**Skin contact:** There may be mild irritation at the site of contact

**Eye contact:** There may be irritation and redness

**Ingestion:** There may be irritation of the throat

**Inhalation:** No symptoms

**Delayed/Immediate effects:** No symptoms

## 12. ECOLOGICAL DATA

### Ecotoxicity

No data available

Daphnia	48H EC50	0.1	mg/l
Daphnia	504H NOEC	0.0044	mg/l
Pseudokirchneriella subcapitata (Algae)	672H NOEC	0.098	mg/l
Pseudokirchneriella subcapitata (Algae)	75H EC50	0.048	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	72H NOEC	0.0012	mg/l
RAINBOW TROUT (Oncorhynchus mykiss)	96H EC50	0.22	mg/l

**12.1 PERSISTENCE AND DEGRADABILITY**

Not biodegradable

**12.2 BIOACCUMULATIVE POTENTIAL**

Bioaccumulation potential

**12.3 MOBILITY IN SOIL**

Readily absorbed into soil

**12.4 RESULTS OF PBP and vPvB ASSESSMENT**

This product is not identified as a PBT/vPvB substance

**11.2 OTHER ADVERSE EFFECTS**

Toxic to aquatic organisms. Toxic to soil organisms

**13. DISPOSAL CONSIDERATIONS**

Transfer to a suitable container and arrange for collection by specialized disposal company.

N.B The users attention is drawn to the possible existence of regional or national regulations regarding disposal

**14. TRANSPORT REGULATIONS**

Not classified as hazardous for air, sea or road freight.

**15. REGULATORY INFORMATION****15.1 CLASSIFICATION**

Specific regulations: Not applicable

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

**16. OTHER INFORMATION**

According to Regulation (EC) No. 1907/2006 (REACH) with its amendment Regulation (EU) 2015/830.

Phrases used in Sections 2 and 3:

EUH208: Contains a mixture of 5-chloro-2-methyl-2h-isothiazol-3-one [EC No 247-500-7] and 2-methyl-2h isothiazol-3-one [EC No 220-239-6] May produce an allergic reaction.

H301 Toxic if swallowed

H314 Causes severe skin burns and eye damage

- H317 May cause an allergic reaction
- H331 Toxic if inhaled
- H410 Very toxic to aquatic life with long lasting effects

**16.2 FURTHER INFORMATION**

For technical advice contact technical team: Tel: 01484 850098

email: [info@structherm.co.uk](mailto:info@structherm.co.uk)

web: [www.structherm.co.uk](http://www.structherm.co.uk)

**16.3 GUIDANCE AND REFERENCE**

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.