

Product Safety Data Sheet – Struc-Sil Silicone Topcoat

Classification according to Regulation (EC) No 1272/2008

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

1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION

Product Range: Struc-Sil
Data sheet applies to:
Struc-Sil Silicone Topcoat

1.2 USE OF SUBSTANCE/PREPARATION

Dry bagged renders for use in various applications within the building industry, typically used as an external finish on masonry substrates.

1.3 COMPANY/UNDERTAKING IDENTIFICATION

Structherm Limited
Bent Ley Road
Meltham
Holmfirth
HD9 4AP

Emergency Telephone:
UK Emergency Number **999** European Emergency Number **112**

2. HAZARDS IDENTIFICATION

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Hazard Statement(s)	None
Precautionary Statements	
P102	Keep out of reach of children
P280	Wear protective gloves/protective clothing/Eye protection

3. COMPOSITION / INFORMATION ON INGREDIENTS

A water based product containing silicone resin emulsion, acrylic resin emulsion with a range of mineral fillers and other additives.

4. FIRST AID MEASURES

- 4.1  If contacting a physician, take this product safety data sheet with you.
- 4.2  **After Skin Contact**
Wash exposed area with soap and water. Remove contaminated clothing. Get medical advice if irritation occurs
- 4.3  **After Significant Ingestion**
Rinse mouth and give plenty of water to drink, seek medical advice if symptoms persist.
- 4.4  **After Significant Inhalation**
Remove from source to fresh air. In case of sickness seek medical advice.
- 4.5  **After Contact With Eyes**
Wash thoroughly with clean water, get specialist medical advice if irritation persists.

5. FIRE FIGHTING MEASURES

- 5.1 FLAMMABILITY**
The wet paste will not burn; the dry film is not flammable
- 5.2 FIRE FIGHTING MEDIA**
Water, spray jet, extinguishing powder, CO₂, foam. Use most appropriate measure or media to extinguish surrounding fire.
- 5.3 EXPLOSION**
Not considered to be an explosion hazard
- 5.4 COMBUSTION PRODUCTS**
In case of fire toxic incineration products may be released such as Carbon Monoxide (CO) and Nitrogen Oxides (NO_x)
- 5.5 SPECIAL PROTECTIVE EQUIPMENT FOR FIRE FIGHTERS**
Wear self-contained breathing apparatus

6. ACCIDENTAL RELEASE MEASURES

- 6.1 PERSONAL PRECAUTIONS**
Wear protective clothing to avoid contact with skin.

6.2 ENVIRONMENTAL PRECAUTIONS

Prevent from spreading; do not allow product to reach surface water.

6.3 METHODS FOR CLEANING UP

Spillages should be mixed with absorbent material and collected mechanically. Dispose of according to local regulations.

7. HANDLING AND STORAGE**7.1 HANDLING**

Ensure adequate ventilation.
 Do not contaminate foodstuffs, eating utensils or food contact surfaces
 Wash hands and exposed skin before meals and after use.

7.2 STORAGE

Keep in a safe place.
 Keep in original packaging.
 Keep in a cool, well ventilated area.
 Protect from frost.

7.3 SPECIFIC USES

Always read the label and product information before use.
 Keep away from treated surfaces until dry.

8. EXPOSURE CONTROLS**8.1 EXPOSURE LIMIT VALUES**

None documented

8.2 EXPOSURE CONTROLS

8.2.1

**General**

Avoid contact with skin and eyes, minimise generation of dust.
 Wear personal protective equipment and wash exposed skin and face after use.

8.2.2

**Respiratory Protection**

Ensure adequate ventilation

8.2.3

**Hand Protection**

Avoid contact with hands, impermeable gloves are recommended. Wash hands during work breaks and at the end of the shift.

8.2.4

**Eye Protection**

Avoid contact with the eyes, safety glasses are recommended.

8.2.5

**Skin Protection**

Avoid contact with skin, coveralls are recommended.

8.2.6

Environmental Exposure Controls

Prevent release to the environment. Follow best practice for site management and disposal of waste

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 GENERAL INFORMATION****Appearance** Paste, various colours**Odour** Faint**9.2 IMPORTANT HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION****pH** 8.0 to 10.0**Boiling Point** 100 oC (water)**Flash point** Not tested**Flammability** The product is not self-igniting**Explosive properties** The product is not explosive**Oxidising properties** Not applicable**Vapour pressure** Not tested**Relative Density** 1.8**Solubility** Miscible in water**Water Solubility** Partially soluble in water**Viscosity** Not tested**Vapour density** Not tested**Evaporation rate** Not tested**Partition coefficient:** n-octanol/water Not tested**9.3 OTHER INFORMATION****Melting Point** 0°C (water)**10. STABILITY AND REACTIVITY****Stability** Stable under normal conditions of use and storage.**10.1 CONDITIONS TO AVOID**

The product is stable in normal use; it should not be mixed or diluted with other chemicals. When heated in excess of 580oC Calcium Oxide may be formed.

10.2 MATERIALS TO AVOID

None

10.3 HAZARDOUS DECOMPOSITION PRODUCTS

None if storage and handling is carried out as specified.

11. TOXICOLOGICAL DATA

Acute toxicity: No recorded information; the product is classified as non hazardous.

12. ECOLOGICAL DATA
Ecotoxicity

No recorded information; the product is not classified as hazardous to the environment. Prevent contamination of soil, drains and surface water.

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with local regulations

14. TRANSPORT REGULATIONS

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

15. REGULATORY INFORMATION
15.1 CLASSIFICATION

Product name: Struc-Sil Silicone Topcoat

Classification according to Regulation (EC) No 1272/2008 : Non hazardous

16. OTHER INFORMATION

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16.1 PRECAUTIONARY STATEMENTS

Precautionary statements	P102	Keep out of reach of children
	P280	Wear protective gloves/protective clothing/eye protection

16.2 FURTHER INFORMATION

For technical advice contact technical team: Tel: 01484 850098

email: info@structherm.co.uk

web: www.structherm.co.uk

16.3 GUIDANCE AND REFERENCE

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This data sheet is supplementary to other technical instruction and guidance and does not replace them. This information is based on data currently available and is correct to the best of our knowledge at the time of publication. This information is given as guidance in assessing safe handling, storage, and use. Recipients of the product must take responsibility for the safe use and disposal of product observing existing laws, regulations and accepted best working practice.