

Product Safety Data Sheet – Structherm Fibre Base Coat

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: Structherm Fibre Base Coat

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**

2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No1272/2008

2.1 CLASSIFICATION OF THE SUBSTANCE OR MIXTURE

CLASSIFICATION UNDER CLP:

STOT SE 3: H335; Eye Dam. 1: H318; Skin Irrit. 2: H315; Skin Sens. 1A: H317

MOST IMPORTANT ADVERSE EFFECTS:

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation.

2.2 LABEL ELEMENTS

HAZARD STATEMENTS: H315: Causes skin irritation

H317: May cause an allergic skin reaction

H318: Causes serious eye damage

H335: May cause respiratory irritation

HAZARD PICTOGRAMS: GHS05: Corrosion

GHS07: Exclamation mark



Signal Word: Danger

Precautionary Statements:

P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	IF ON SKIN: wash with plenty of soap and water .
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing
P305+P351 P338	IF IN EYES: Rinse cautiously with water for several minutes, remove contact lenses, if present and easy to do. Continue rinsing .
P362+P364	Take off contaminated clothing and wash before reuse.

This product is not identified as a PBT/vPvB substance

3. COMPOSITION / INFORMATION ON INGREDIENTS**Hazardous Ingredients**

Portland Cement

EINECS	CAS	PBT/WEL	CLP Classification	Percent w/w
266-043-4	65997-15-1	-	Skin Irrit. 2: H315; Skin Sens. 1A: H317; Eye Dam. 1: H318; STOT SE 3: H335	10-30%

Hydrated Lime – REACH registered number(s): 01-2119475151-45-0135





EINECS	CAS	PBT/WEL	CLP Classification	Percent w/w
215-137-3	1305-62-0	-	STOT SE 3: H335; Skin Irrit. 2: H315; Eye Dam. 1: H318;	1-10%

Non-classified Ingredients

Quartz (Respirable)

EINECS	CAS	PBT/WEL	CLP Classification	Percent w/w
238-878-4	14808-60-7	-	STOT RE 1: H372	<1%

4. FIRST AID MEASURES

- 4.1  If contacting a physician, take this product safety data sheet with you.
- 4.2  **After Skin Contact**
 Remove all contaminated clothes and footwear immediately unless stuck to skin. Wash immediately with plenty of soap and water. Get medical attention if symptoms are severe or persist.
- 4.3  **After Significant Ingestion**
 Wash out mouth with water. Do not induce vomiting. If conscious, give half a litre of water to drink immediately. 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. Contact a specialist of occupational medicine or an eye specialist.

MOST IMPORTANT SYMPTOMS AND EFFECTS, BOTH ACUTE AND DELAYED

- Skin Contact: There may be irritation and redness at the site of contact
- Eye Contact: There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage
- Ingestion: There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur
- Inhalation: There may be irritation of the throat with a feeling of tightness in the chest
- Delayed/Immediate Effects: Immediate effects can be expected after short-term exposure

INDICATION OF ANY IMMEDIATE MEDICAL ATTENTION AND SPECIAL TREATMENT NEEDED

- Immediate/Special Treatment: Eye bathing equipment should be available on the premises

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

In combustion emits toxic fumes

5.3 ADVICE FOR FIREFIGHTERS

Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

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

Mark out the contaminated area with signs and prevent access to unauthorized personnel. Do not attempt to take action without suitable protective clothing – see section 8. Do not create dust.

6.2 ENVIRONMENTAL PRECAUTIONS

Do not discharge into drains or rivers

6.3 METHODS FOR CLEANING UP

Transfer to a closable, labelled salvage container for disposal by an appropriate method.

7. HANDLING AND STORAGE**7.1 HANDLING**

Avoid direct contact with the substance.
 Ensure there is sufficient ventilation of the area.
 Avoid the formation or spread of dust in the air.

7.2 STORAGE

Store in a cool, well ventilated area. Keep container tightly closed.

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

PORTLAND CEMENT

STATE	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	-	-	4mg/m ³	-

HYDRATED LIME

STATE	8 hour TWA	15 min. STEL	8 hour TWA	15 min. STEL
EU	1 mg/m ³	4 mg/m ³	-	-

DNEL/PNEC VALUES

Hazardous Ingredients:

HYDRATED LIME

Type	Exposure	Value	Population	Effect
PNEC	Fresh water	490 µg/L	-	-
PNEC	Soil (Agricultural)	1080 µg/L	-	-

8.2 EXPOSURE CONTROLS

8.2.1

General

Ensure there is sufficient ventilation of the area

8.2.2

Respiratory Protection

Self-contained breathing apparatus must be available in case of emergency. Respiratory protective device with particle filter.

8.2.3

**Hand Protection**

Protective gloves

8.2.4

**Eye Protection**

Tightly fitting safety goggles. Ensure eye bath is to hand.

8.2.5

**Skin Protection**

Use appropriate closed long sleeved protective clothing

8.2.6

Environmental Exposure Controls

No data available

9. PHYSICAL AND CHEMICAL PROPERTIES**9.1 GENERAL INFORMATION****Appearance** Grey Powder**Odour** Odourless

9.2 IMPORTANT HEALTH, SAFETY AND ENVIRONMENTAL INFORMATION

Evaporation Rate	Not applicable
Oxidising	Not applicable
Boiling/Melting point	Not applicable
Solubility in water	Not applicable
Also soluble in	Not applicable
Viscosity	Not applicable
Viscosity test method	Not applicable
Flammability Limits	Not applicable
Flash Point	Not applicable
Autoflammability	Not applicable
Relative density	Not applicable
VOC	Not applicable
pH	Not applicable

10. STABILITY AND REACTIVITY

Stability	Stable under normal conditions
Reactivity	Stable under recommended transport or storage conditions
10.1 Conditions to avoid	Heat
10.2 Materials to avoid	Strong oxidising agents. Strong acids
10.3 Hazardous decomposition	In combustion emits toxic fumes

11. TOXICOLOGICAL DATA

Hazardous Ingredients

HYDRATED LIME

DERMAL	RBT	LD50	>2500	mg/kg
ORAL	RAT	LD50	>2000	mg/kg

Relevant Hazards for Product:

Hazard	Route	Basis
Skin corrosion/irritation	DRM	Hazardous: Calculated
Serious eye damage/irritation	OPT	Hazardous: Calculated
Respiratory/Skin Sensitisation	-	Hazardous: Calculated
STOT – Single Exposure	RAT	Hazardous: Calculated

11.1 ACUTE EFFECTS

Eye contact	There may be pain and redness. The eyes may water profusely. There may be severe pain. The vision may become blurred. May cause permanent damage
Skin contact	There may be irritation and redness at the site of contact
Ingestion	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest
Delayed/Immediate effects	Immediate effects can be expected after short-term exposure

12. ECOLOGICAL DATA**Hazardous Ingredients**

HYDRATED LIME

FRESHWATER ALGAE	48H EC50	184.57	mg/l
FRESHWATER ALGAE	72H NOEC	48	mg/l
Freshwater fish	96H LC50	50.6	mg/l
Freshwater Invertebrates	48H EC50	49.1	mg/l
Marine water fish	96H LC50	457	mg/l
Marine water invertebrates	14d NOEC	32	mg/l
Marine water invertebrates	96H LC50	158	mg/l
Soil microorganisms	EC10/LC10	2000	mg/kg
Soil microorganisms	EC10/LC10	12000	mg/kg
Terrestrial plants	21d NOEC	1080	mg/kg

Persistence and degradability

Biodegradable

Bioaccumulative Potential

No Bioaccumulation potential

Mobility in soil	No data available
Results of PBT and vPvB assessment	This product is not identified as a PBT/vPvB substance
Other adverse effects	Negligible ecotoxicity

13. DISPOSAL CONSIDERATIONS

Transfer to a suitable container and arrange for collection by specialised 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. No special precautions apply, refer to section 8

15. REGULATORY INFORMATION**15.1 CLASSIFICATION**

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

- 16.1 Phrases used in s.2 and s.3:**
- H315 Causes skin irritation.
 - H317 May cause allergic skin reaction
 - H318 Causes serious eye damage
 - H335 May cause respiratory irritation
 - H372 Causes damage to organs through prolonged or repeat exposure

16.3 Further Information

For technical advice contact technical team: Tel: 01484 850098

email: info@structherm.co.uk

web: www.structherm.co.uk

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.