

# Product Safety Data Sheet – Structherm High Polymer Base Coat

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

**1.1 IDENTIFICATION OF THE SUBSTANCE OR PREPARATION**  
Product Range: Structherm High Polymer 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**

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## 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


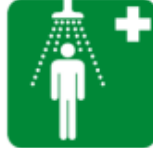



Portland Cement

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%

#### 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**  
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

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**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.

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**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.

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**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.

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**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 <sup>3</sup>	-

HYDRATED LIME

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

**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

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

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## 10. STABILITY AND REACTIVITY

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

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## 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	INH	Hazardous: Calculated

**11.1 ACUTE EFFECTS**

<b>Eye contact</b>	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
<b>Skin contact</b>	There may be irritation and redness at the site of contact
<b>Ingestion</b>	There may be soreness and redness of the mouth and throat. Nausea and stomach pain may occur
<b>Inhalation</b>	There may be irritation of the throat with a feeling of tightness in the chest
<b>Delayed/Immediate effects</b>	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

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

<b>16.1 Phrases used in s.2 and s.3:</b>	H315 Causes skin irritation. H317 May cause allergic skin reaction H318 Causes serious eye damage H335 May cause respiratory irritation
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**16.3 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)

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.