

## Material Safety Data Sheet

### ClayStone

composite powder

#### 1. Identification of the Substance/Preparation and Company

**Product Name:** ClayStone composite powder

**Company Address:** ClayLime sprl  
Avenue MonPlaisir 77/89  
1030 Brussels  
Belgium

#### 2. Composition/Information on Ingredients

A cement preparation consisting:

1. Calcium aluminat
2. Calined clay
3. Silica, Dolomite or granite 0 – 1.5mm particle size.
4. Silane based agent

This product is a composition of blended powders and may contain small quantities of thickener and pigment.

#### 3. Hazards Identification

**Classification:** Irritant

**Human effects:** Dry powder, has no effects on dry skin. When mixed with water, an alkaline solution is produced. A dust problem may occur in confined spaces.

**Environmental effects:** No effects, blended powders are slightly soluble in water.

#### 6. First Aid Measures

**Skin contact:** Wash the affected areas with plenty of clean water.

**Eye contact:** Wash eyes immediately with plenty of clean water and, if necessary, seek medical advice.

**Inhalation:** If irritation occurs, move subject to fresh air. If nose or airways become inflamed, seek medical advice.

**Ingestion:** Do not induce vomiting. Wash out mouth with water and give patient plenty of water to drink. Move subject to fresh air.

#### 7. Fire Fighting Measures

The substance is not flammable and does not support burning or dangerous synergistic reactions with other materials, provided that these substances themselves are stable.

#### 8. Accidental Release Measures

##### On spillage

Spilt material may be collected for re-use, provided that no contamination has occurred.

##### Environmental precautions

Do not empty material into drain, sewers/water courses, as substance hardens when in contact with water.

## 7. Storage and Handling

**Storage Conditions:** Store in dry conditions, preferably above ground on pallets protected by shrink-wrapping. This will prevent moisture ingress and prolong shelf life.

**Handling Procedures:** Wear personal protective equipment and clothing to avoid contact with the skin and eyes.

## 8. Exposure Controls and Personal Protection

**Personal protective equipment:** N/A

### Exposure limits:

Total inhalable dust = 10 mg/m<sup>3</sup>/8  
Respirable dust = 4 mg/m<sup>3</sup>/8h  
(occupational exposure standards)

## 9. Physical and Chemical Properties

Physical state	Particulate
pH water solution	12 – 13
Relative density	approx. 2.5
Bulk density	550 – 600 kg/m <sup>3</sup>
Fineness	<300 µm
Flammability	N/A
Explosive properties	N/A

## 10. Stability and Reactivity Instability:

This material is considered stable.

### Conditions contributing to:

Chemical instability	None
Hazardous decomposition products	None
Special precautions	None

## 11. Toxicological Information

The material has no known toxic or carcinogenic effects.

## 12. Ecological Information

Stable in soil. No photodegradation with sunlight. There may be an increase in pH when mixed with water.

## 13. Disposal Considerations

### Procedure

Dispose of empty bags or material at an authorised disposal site.

## 14. Transport Information

Not classified as hazardous for transport

purposes.

## 15. Regulatory Information

EEC Regulatory Information: None

Packaging disposal according to the local disposal regulations.

## 16. Other Information

This safety data sheet does not exempt the user from knowing and abiding by the legislation ruling his activity.

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