

**Safety Data Sheet**  
**Cement-based Products**



**1. Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier**

Name: Cement-based decorative stone for indoor and outdoor application.

Registration number: 11094

**1.2. Product use**

Allowed: The product is used for indoor and outdoor decorations, on vertical walls.

Not allowed: Installation on floor, ceiling, installation in damp places, exposure to the weather, temperatures above 70 °C (158 °F).

**1.3. Company identification**

Manufacturer: Modulo Decorative Solutions SRL

Address: 22 Decembrie 1989, Nr. 29, Turda, 401113, Cluj County, Romania

Tel: (+40)264-305600 Fax: (+40)264-305514

E-mail: [office@modulo.fr](mailto:office@modulo.fr).

Open hours: Mon-Fri between 8.30 – 17.30

**1.4. Emergency telephone:**

Tel: (+40)264-305600

**2. Hazards identification**

**2.1. Classification of the product**

This product is not classified as hazardous in accordance with EC Regulation no 1272/2008.

Adverse physicochemical, human health and environmental effects: no other hazards

**2.2. Label elements**

Hazard pictograms: none

Hazard statements; none

Precautionary statements: none hazards

**2.3. Other hazards**

vPvB Substances: none

PBT Substances: none

**3. Composition/information on components (ingredients) of the mixture**

Ingredient	CAS	Minimum percentage	Maximum percentage
Aggregates	14808-60-7	0%	60%
Light aggregate	114808-60-7	0%	37%
Portland cement	65997-15-1	0%	34%
Inorganic pigments (iron oxides)	1309-37-1	0%	3.6%
Additives	-	0.11%	0.45%

Note: In the finished state of the product, none of the ingredients above is present in native state. However, if the product is cut, those components may be present in the resulting dust.

**4. First aid measures**

In case of eye contact: Rinse eyes immediately with water for cleaning. If the injured persons use contact lenses, these should be removed unless they are stuck to the eyes, as this could cause further damage. In case of symptoms persist, seek specialized medical attention.

Skin contact: This product is not classified as hazardous when in contact with the skin. If the irritation persists, seek specialized medical attention.

Inhalation: This product is not classified as hazardous through inhalation. If symptoms persist, seek specialized medical attention.

## 5. Firefighting measures

The product is not flammable, being classified under A1 according to the Delegate Regulation 364/2016 of the European Commission and in accordance with the Regulation (EU) no 305/2011 of the European Parliament and of the Council of 9 March 2011.

NFPA flammability: 1

NFPA health: 0

NFPA reactivity: 0

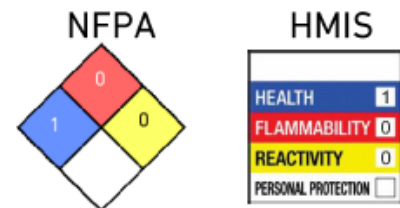
Flammable properties: Not flammable

Self-ignition temperature: Does not apply.

Flash point: Does not apply.

Extinguishing media: Use extinguishing measures adequate to local circumstances and the environment.

Protection equipment: Wear self-contained breathing apparatus and fire-protection tools.



## 6. Accidental release measures

Personal protection: use suitable equipment for hand protection in case of manipulation

Methods and material for cleaning up: Collect the material mechanically, without generating dust. After finishing the work, sweep the area and collect the dust in containers adequate for collecting waste.

After cleaning up, remove the remaining dust with water.

Environmental protection: No special measures are needed. See chapter 13 for waste disposal.

## 7. Handling and storage

Storage: Inside, away from moist and extreme temperatures.

Hygiene practices: Handle in accordance with good industrial hygiene and safety practices.

Personal protection: use suitable equipment for hand protection in case of manipulation

Wash the hands and face before eating and immediately after handling the product.

Wash the clothes before reusing them.

## 8. Exposure controls/personal protection

### 8.1. Personal protection measures

Skin protection: Wear gloves, long-sleeved blouse and long trousers.

Face and eye protection: Wear goggles with side shields.

Respiratory protection: When cutting the product, it is advisable to wear a dust mask. Insure proper ventilation. Use the dust collection system when cutting the product.

Hygiene measures: It is advisable to wash the hands and face before eating and after handling the product. Wash the clothes before reusing them.

### 8.2. Environmental exposure controls

Component materials

Portland cement (65997-15-1)

- ACGIH: 10 mg/m<sup>3</sup> TWA (particulates do not contain asbestos and <1 % silicon)

- OSHA: 10 mg/m<sup>3</sup> TWA (total dust) 5 mg/m<sup>3</sup> TWA (breathable particulates).  
Aggregates (14808-60-7)
- ACGIH: 0.025 mg/m<sup>3</sup> TWA (breathable particulates).
- OSHA: 0.1 mg/m<sup>3</sup> TWA (breathable particulates).  
Inorganic pigments (Iron oxides) (1309-37-1)
- ACGIH: 5 mg/m<sup>3</sup> TWA (breathable particulates).
- OSHA: 10 mg/m<sup>3</sup> TWA (fume).

## 9. Physical and chemical properties

### 9.1. General information.

- Physical state: Solid.
- Color: Mix of color.
- Smell: Does not apply.

### 9.2. Information on health, security and environment

- Melting/freezing point: Does not apply.
- Ignition temperature: Does not apply.
- Flammability: Does not apply.
- Explosive properties: Does not apply.
- Oxidizing properties: Does not apply.
- Vapor pressure: Does not apply.
- Molecular formulation: Mixture.
- Molecular weight: Mixture.

## 10. Stability and reactivity

Reactivity: Does not apply.

Chemical stability: Stable, under normal conditions.

Conditions to avoid: Dust formation.

Possibility of hazardous reactions: Does not apply.

Incompatible materials: Does not apply.

Hazardous decomposition products: None under normal conditions of use.

## 11. Toxicological information

Inhalation: May cause respiratory irritation

Ingestion: Not likely.

Carcinogenic effects: Not classified.

## 12. Ecological information

**12.1.** Ecotoxicity: This material is not expected to harm animals, plants or fish.

**12.2.** Persistence and degradability: No information available.

**12.3.** Bioaccumulation potential: No information available.

## 13. Disposal considerations

Waste treatment methods:

- Dispose of waste in accordance with local, state, EU legislation.
- Dispose of empty containers at local recycling or waste collection facilities.
- Classify waste and empty packages in accordance with GD 856/2002.
- Waste code: **10.13.11** – wastes from cement-based composite materials other than those mentioned in 10 13 09 and 10 13 10

**15.01.01** – Paper and cardboard packaging

**15.01.02** – Plastic packaging.

**15.01.03** – Wooden packaging.

#### 14. Transport information

The product is not classified as hazardous in accordance with international transport regulations (ADR/RID, IMDG, ICAO/IATA).

Transport the product covered and protected against the weather.

#### 15. Regulatory information

**15.1.** Safety and environmental regulations/legislation specific for the substance or mixture

Observe national and local regulations. For information on labeling, see chapter 2 of this document.

**15.2.** Chemical safety assessment

Does not apply.

#### 16. Other information

HMIS Health hazards: 1

HMIS Fire hazards: 0

HMIS Reactivity: 0

Date of this MSDS: 25/07/2019

ACGIH = American Conference of Governmental Industrial Hygienists

ADR/RID = European Agreement concerning the International Carriage of Dangerous Goods by Road (Europe) / Regulations Concerning the International Transport of Dangerous Goods by Rail (European law)

CAS = Chemical Abstracts Service Registry Number

HMIS = Hazardous Material Identification System

ICAO/IATA = International Civil Aviation Organization / International Air Transport Association

IMDG = International Maritime Dangerous Goods

NFPA = National Fire Protection Association

OSHA = Occupational Safety and Health Administration

TWA = Time Weighted Average

All our plaster-based products are classified A+ for level of volatile organic compound emissions.



Information on volatile substance emissions in ambient air, with risk of toxicity by inhalation, on a scale from A+ class (very low emissions) to level C (high emissions).

