

MATERIAL SAFETY DATA SHEET

In accordance with Regulation (EU) No 1907/2006 (REACH) and its Regulation (EU) No 453/2010

LITONEX EXTERIORES



SECTION 1: IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY / UNDERTAKING.

1.1 Product identifier.

Trade name: LITONEX EXTERIORES

1.2 Relevant identified uses of the mixture and uses advised against.

Relevant uses: Cementitious adhesive of mixed binders specially designed for natural stones. See section of Applications of our product datasheet.

Uses advised against: any use not specified in this section.

1.3 Details of the supplier of the material safety data sheet.

Supplier: Cementos Capa, S.L.
Plaza Carlos Cano s / n. Edificio Brisas 6-1º.
04006 Almería. Spain.

Phone: (+34) 950 620 620.

Web: www.capa.es

1.4 Emergency telephone: (+34) 91 562 04 20 (National Institute of Toxicology Telephone).

SECTION 2: HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

Directive 67/548 / EC and Directive 1999/45 / EC:

The classification of the product has been made in accordance with the R.D. 363/1995 (Directive 67/548 / EC) and R.D.255 / 2003 (Directive 1999/45 / EC), adapting its provisions to Regulation (EC) No 1907/2006 (REACH Regulation) in accordance with to R.D. 1802/2008.

Xi: Risk of serious damage to eyes, irritating respiratory system and skin, may cause sensitization by contact with skin.

Regulation No 1272 / 2008 (CLP):

The classification of this product has been carried out according to Regulation nº1272 / 2008 (CLP).

Danger, Eye Dam. 1: Serious eye damage, category 1.

Warning, Skin Irrit. 2: Skin irritation, category 2.

Warning, Skin Sens. 1: Skin sensitization, category 1.

Warning, STOT SE 3: Respiratory system toxicity (single exposure), category 3.

2.2 Label elements.

Regulation No1272 / 2008 (CLP):

Hazard pictograms:



GHS05



GHS07

Warning word: DANGER.

Danger Indications:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H318: Causes serious eye damage.

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H335: May cause respiratory irritation.

Caution Tips:

P102: Keep out of the reach of children.

P280: Wear protective gloves / protective clothing / eye protection / face shield.

P261 + P304 + P340 + P312: Avoid breathing dust. IN CASE OF INHALATION: Transport the victim to the outside and keep it in rest in a comfortable location. Call a TOXICOLOGY INFORMATION CENTRE or doctor / physician if you feel unwell.

P302 + P352 + P333 + P313: IF SKIN CONTACT: Wash with plenty of soap and water. In case of irritation or rash call a physician.

P305 + P351 + P338 + P310: IF EYES CONTACT: Rinse with water for several minutes. Remove the contact lenses, if carrying and if easy. Keep clearing. Call a TOXICOLOGY INFORMATION CENTRE immediately or a doctor.

P501: Dispose of contents in container in accordance with local regulations.

Additional information:

EUH208: Contains cement clinker. May produce an allergic reaction.

When it contains grey Portland cement (EC No. 266-043-4), it contains a Cr (VI) reducer, which determines a content Cr (VI) soluble in water less than 0.0002%.

2.3 Other hazards.

Under normal conditions of use and in its original form, the product has no other negative effect on health and the environment, however, in case of contact, the mortar may cause irritation in respiratory system and mucous membranes. After mixed, the paste has a high pH.

Results of PBT and mPmB assessment: PBT: Not applicable; mPmB: Not applicable.

SECTION 3: COMPOSITION/ INFORMATION ON SUBSTANCES

Composition: Mixture of cement (grey or white), aggregates and additives.

Hazardous components:

According to Annex II of Regulation (EC) No 1907/2006 (item 3), the product contains:

Grey or white cement.

Concentration:	10-40%.
CAS No:	65997-15-1
Einecs No:	266-043-4
Index:	Not applicable.
REACH:	Not applicable.

Classification according to Regulation (EU) n° 1272 / 2008

Danger, Eye Dam. 1: Serious eye damage, category 1.

Warning, Skin Irrit. 2: Skin irritation, category 2.

Warning, Skin Sens. 1: Skin sensitization, category 1.

Warning, STOT SE 3: Toxicity for respiratory system (single exposure), category 3.

SECTION 4: FIRST AID

4.1 Description of first aid.

Inhalation: place the injured person in the open air, keep him warm and at rest, if the breathing is irregular or stops, practice artificial respiration. Do not administer anything orally. If you are unconscious, put it in a proper position and search for medical help.

Eye contact: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Wash eyes thoroughly with clean, fresh water for at least 10 minutes, pulling upwards on the eyelids and seek for medical attention.

Skin contact: Remove contaminated clothing. Wash the skin vigorously with soap and water or a skin cleanser suitable. NEVER use solvents or thinners.

Ingestion: If swallowed by accident, seek immediate medical attention. Keep him at rest. NEVER provoke the vomit.

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4.2 Most important symptoms and effects, both acute and delayed.

In contact with the eyes it causes irritations that can last more than 24 hours; If inhaled it causes irritations to the respiratory system; If it comes in contact with the skin causes a great inflammation with erythema, scabs or edema. The product contains cement, which in contact with water or body fluids (sweat, etc.) produces a strongly alkaline reaction, so contact with eyes and skin may cause irritation.

4.3 Indication of any immediate medical attention and special treatment needed.

In cases of doubt, or when symptoms persist, seek for medical attention. Never administer anything orally to people who are unconscious.

SECTION 5: FIRE FIGHTING MEASURES.

The product is NOT classified as flammable, in the event of fire the following measures must be followed:

5.1 Extinguishing media: extinguishing powder or CO₂. In case of more severe fires also alcohol and water resistant foam sprayed. Do not use for extinguishing direct water jet.

5.2 Special hazards arising from the mixture: Fire may produce a thick black smoke. As a consequence of the thermal decomposition, hazardous products may be formed: carbon monoxide, carbon dioxide. Exposure to products of combustion or decomposition may be harmful to health.

5.3 Advice for firefighters: cool with water tanks, cisterns or containers near the source of heat or fire. Take into account the direction of the wind. Prevent products used in the fight against fire get to drain, sewer or waterways.

Fire protection equipment: Depending on the magnitude of the fire, it may be necessary to wear protective clothing against heat, self-contained breathing apparatus, gloves, goggles or face masks and boots.

SECTION 6: MEASURES IN CASE OF DISCHARGE BY ACCIDENT.

6.1 Personal precautions, protective equipment and emergency procedures: for exposure control and measures of individual protection, see section 8.

6.2 Environmental precautions: It is advisable to avoid the discharge of both the product and its packaging into the environment.

6.3 Methods and material for containment and cleaning up: collect spillage with shovels or other media, preferably mechanics, and put it in a container for reuse or disposal. Do not blow.

6.4 Reference to other sections: for control of exposure and individual protection measures, see section 8. For the disposal of waste, follow the recommendations in section 13.

SECTION 7: HANDLING AND STORAGE.

7.1 Precautions for safe handling. Use in well ventilated areas. Avoid dust formation. Do not drink, eat or smoke in work areas. Perform hands washing after each use and remove contaminated working clothes and protective equipment prior to entering eating areas. For personal protection, see section 8.

7.2 Conditions for safe storage, including any incompatibilities. Keep the product protected from water and moisture. Avoid sources of heat, radiation, static electricity and contact with foods.

7.3 Specific end uses. No particular use.

SECTION 8: EXPOSURE CONTROL/ INDIVIDUAL PROTECTION.

8.1 Control parameters.

Nº CAS	Description of the material	exposure limits
65997-15-1	Portland cement	VLA-ED: 4 mg / m ³ (*)

(*) Occupational Exposure Limits for Chemical Agents in Spain 2015. INSHT.

DNEL: Not relevant. **PNEC:** Not relevant.

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8.2 Exposure controls.

General safety and health measures in the workplace:

Local extraction in the work area is recommended as a measure of collective protection to avoid exceeding the limits of professional exposure (R.D. 374/2001 and above).

Individual protection equipment, if used, must be CE marked in accordance with R.D. 1407/1992 and subsequent modifications. For additional information on individual protection equipment, refer to the information leaflet provided by the manufacturer.

This information is of a general nature, being necessary that it is reviewed by the services of prevention of occupational risks of application to each situation.

Concentration:	100%
Respiratory protection:	
Use a self-protective mask to protect against particles of type FFP3, according to EN 143.	
Hand protection:	
Use impermeable neoprene or nitrile gloves in accordance with EN 374.	
Eye protection:	
Wear safety glasses with side protection in accordance with EN 166.	
Body protection:	
Wear suitable work clothes and non-slip work shoes.	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties.

Physical appearance: Powdery solid

Color: White or Grey

Odor: N.D./N.A.

Olfactory Threshold: N.D./N.A.

PH (in dispersion blames): alkaline

Melting Point: N.D./N.A.

Boiling point / range: N.D./N.A.

Flash point: N.D./N.A.

Evaporation rate: N.D./N.A.

Flammability (solid, gas): N.D./N.A.

Lower explosion limit: N.D./N.A.

Upper explosion limit: N.D./N.A.

Vapor pressure: N.D./N.A.

Vapor density: N.D./N.A.

Bulk density: 1.4 g / cm³

Solubility: N.D./N.A.

Liposolubility: N.D./N.A.

Water solubility: N.D./N.A.

Partition coefficient (n-octanol / water): N.D./N.A.

Autoignition temperature: N.D./N.A.

Decomposition temperature: N.D./N.A.

Viscosity: N.D./N.A.

Explosive properties: N.D./N.A.

Oxidizing properties: N.D./N.A.

N.D./N.A.= Not Available / Not Applicable due to the nature of the product.

9.2. Other data.

Miscibility: N.D./N.A.

Liposolubility: N.D./N.A.

Conductivity: N.D./N.A.

Characteristic properties of the groups of substances: N.D./N.A.

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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity: The product is not dangerous due to its reactivity.

10.2 Chemical stability: stable under recommended handling and storage conditions (see section 7).

10.3 Possibility of hazardous reactions: The product does not present a hazardous reaction.

10.4 Conditions to avoid: avoid any kind of incorrect handling. Moisture can cause setting and hardening of the product.

10.5 Incompatible materials: Keep away from oxidizing agents and strongly alkaline or acidic materials to avoid exothermic reactions.

10.6 Hazardous decomposition products: No decomposition if used according to specifications.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects.

Repeated or prolonged contact with the product may cause the removal of fat from the skin, resulting in non-allergic contact dermatitis and the product is absorbed through the skin. The product may irritate moist skin by have high pH aqueous solutions. Splashes in the eyes may cause irritation and reversible damage. In case of significant ingestion, the mortar is caustic in the digestive tract, can cause burns in the mouth, esophagus and stomach.

A) Acute toxicity: inconclusive data for classification.

B) Skin corrosion or irritation: inconclusive data for classification.

C) Serious eye damage or irritation: inconclusive data for classification.

D) Respiratory or skin sensitization: inconclusive data for classification.

E) Mutagenicity in germ cells: inconclusive data for classification.

F) Carcinogenicity: inconclusive data for classification.

G) Reproductive toxicity: inconclusive data for classification.

H) Specific organ toxicity (STOT) - single exposure: data not conclusive for classification.

I) Specific organ toxicity (STOT) - repeated exposure: inconclusive data for classification.

J) Danger of aspiration: inconclusive data for classification.

SECTION 12: ECOLOGICAL INFORMATION.

12.1 Toxicity: not determined.

12.2 Persistence and degradability: No information available on the persistence and degradability of the product.

12.3 Bioaccumulation Potential: Bioaccumulation of the substances present is not available.

12.4 Mobility in soil: no information is available on soil mobility. The product must not enter the sewers or waterways to avoid penetration into the ground.

12.5 Results of PBT and mPmB assessment: no data available on PBT and mPmB assessment of the product.

12.6 Other adverse effects: no information available on other adverse effects on the environment.

SECTION 13: DISPOSAL CONSIDERATIONS.

13.1 Methods for waste treatment.

Do not discharge into sewers or watercourses. Waste and empty containers must be handled and disposed in accordance with local / national laws in force. Follow the provisions of Directive 2008/98 / EC with regard to the management of waste.

SECTION 14: TRANSPORT INFORMATION.

ADR, RID, IATA / ICAO, IMDG: non-hazardous goods.

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SECTION 15: REGULATORY INFORMATION.

15.1 Safety, health and environmental regulations and legislation specific to the mixture.

The product is not affected by Regulation (EC) No 1005/2009 of the European Parliament and of the Council of 16 September 2009 on substances that deplete the ozone layer. The product is not affected by Regulation (EU) No 528/2012 concerning the placing on the market and use of biocidal products. The product is not affected by the procedure laid down in Regulation (EU) No 649/2012, concerning the export and import of hazardous chemicals.

15.2 Chemical Safety Assessment.

A chemical safety assessment of the product has not been carried out.

SECTION 16: OTHER INFORMATION.

It is recommended to use the product only for the intended uses.

Hazard statements H referred to in Section 3:

H318: Causes serious eye damage.

H335: May cause respiratory irritation.

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

PPE: Personal protective equipment.

Main Bibliographical References and Data Sources:

[Http://eur-lex.europa.eu/homepage.html](http://eur-lex.europa.eu/homepage.html)

[Http://echa.europa.eu/](http://echa.europa.eu/)

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EU) No 1272/2008.

The information provided in this Safety Data Sheet has been written in accordance with REGULATION (EU) 2015/830 DECISION of 28 May 2015 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council of on the Registration, Evaluation, Authorization and Restriction of Chemicals (REACH) Establishing the European Chemicals Agency, amending Directive 1999/45 / EC and repealing Directive Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 and Commission Directive 76/769 / EEC of council and Commission Directives 91/155 / EEC, 93/67 / EEC, 93/105 / EC and 2000/21 / EC.

The information in this Material Safety Data Sheet is based on current knowledge and in existing EU and national laws, as the working conditions of users are out of our knowledge and control. The product should not be used for purposes other than those specified, without first having a written instruction of their handling. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established in the legislations.