



By CANDIGRÉS



Safety Data Sheet

CANDIWALL ADHESIVE

1 – IDENTIFICATION OF THE MIXTURE AND COMPANY

1.1 Identification of Mixture

cementitious adhesive

1.2 Use of Mixture

Packing Capacity: 25kg bag

Single component cementitious adhesive suitable for gluing thermal insulation boards (Candiwall Board) to materials of the cementitious grout, masonry, brick and ceramic block heat as well as the bonding of ceramic coatings on small-format to Candiwall Board

1.3 Data Supplier

Candigrês - Cerâmica de Grês da Candieira, Lda

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2 – HAZARDS IDENTIFICATION

2.1 Classification of Mixture

Xi - irritant



Pictogram:

Risk Phrases (R):

R 36/37/38 - Irritating to eyes, respiratory system and skin.
R 43 - May cause sensitization by skin contact.
R 66 - May cause skin dryness or cracking repeated exposure.

Safety Phrases (S):

S 2 - Keep out of reach of children.
S 22 - Do not breathe dust.
S 24 / 25 - Avoid contact with skin and eyes.
S 26 - In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S 37 / 39 - Wear suitable gloves and eye / face protection.
S 46 - If swallowed, seek medical advice immediately and show this container or label.

Inhalation / Skin / Eyes: Yes

2.2 Routes of exposure

Ingestion: No, except in accidental cases.

Inhalation: Prolonged exposure of large amounts of dust and increases the risk of pulmonary diseases

2.3. Human Health

Eyes: The contact of the adhesive in the dry or wet, can cause serious or irreversible.

Skin: May cause skin irritation after prolonged contact. In normal use, is not expected that the product constitutes a danger to the environment.

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3 – COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Chemical Composition

Substance	% Concentration Ponderal	Nº CAS	Nº EINECS
Portland Cement	25 a 50	65997-15-1	266-043-4
Silica sand	50 a 75	14808-60-7	238-878-4
Chemicals	0,5 a 5	————	————

3.2 Components that present danger to health

The cement may contain soluble salts of hexavalent chromium (VI). When mixed with water yields an alkaline solution with potential danger.

Nº CAS	Nº EINECS	Teor (%)	Hazard classification
65997-15-1	266-043-4	100 (m/m)	Irritant (xi) R36/37/38; R43

4 – FIRST AID

4.1 Immediate medical attention

When contacting a doctor in the following sequence of exposures, always carry this safety data sheet and label or packaging the product.

After inhalation: Remove person to a cool, ventilated, dust will disappear spontaneously. If symptoms persist, or develop later or stand the discomfort, cough or other symptoms, consult a doctor.

After eye contact: Rinse thoroughly with water for several minutes. If you wear contact lenses remove them. Continue to rinse. Consult a Poisons Information Centre or a doctor

After contact with skin: Wash gently with soap and water thoroughly. In case of irritation consult a doctor.

After ingestion: Rinse mouth and do not induce vomiting. Immediately contact a Poisons Information Centre or a doctor.

5 – FIRE FIGHTING MEASURES

5.1 Flash Point

The cementitious adhesive is not combustible or explosive and not contribute to facilitate combustion or other materials.

5.2 Means of Extinction

All media and extinguishing agents are suitable.



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5 – FIRE FIGHTING MEASURES (continued)

5.3 Special protective equipment for staff to use fire fighting

None.

5.4 Specific hazards arising from exposure to the mixture, combustion products or flue gases

None.

6 – MEASURES IN CASE OF ACCIDENTAL RELEASE ACCIDENTAL RELEASE

6.1 Personal Precautions

Always use appropriate personal protective equipment as described in paragraph 8 - "Exposure Control / Personal Protection" and follow the instructions described in paragraph 7 - "Handling".

6.2 Environmental Precautions

Do not wash cementitious adhesive for sewers, drainage systems, watercourses or soil.

6.3 Clean-up Methods

Clean the form of powder: using water sprays cloud to prevent dust from spreading, subsequently removing the residual paste container and allowed to dry and solidify. There should be at their disposal in accordance with local regulations. Using a method for dry cleaning which does not cause scattering of dust through the vacuum system (industrial portable units equipped with filter particles of high efficiency (HEPA filters) or equivalent technique).

Clean the form of paste: removing the residual paste container and allowed to dry and solidify the material prior to disposal. Thereafter shall proceed to its disposal according to local legislation.

7 – HANDLING

7.1 HANDLING

Read the label before use and if necessary ask for specific instructions, to Candigrés or Reseller. Do not handle until you have read and understood all safety precautions. Do not compress empty bags, except when contained in another clean bag. Carry bags can cause sprains and dislocations in the back, arms, shoulders and legs. Load carefully and use appropriate control measures.

8 – EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Exposure Limit Values

PRODUCT	Nº CAS	Type-Exposure Limit Values	Exposure Limit Values
Portland Cement	65997-15-1	Total dust	10 mg/m ³

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8 – EXPOSURE CONTROLS / PERSONAL PROTECTION (Continued)

8.2 Exposure Control

Avoid direct contact with the product during its handling. Always use appropriate protective equipment. To avoid risks to human health and the environment, comply with the instructions.

8.2.1 Control of professional exposure

Respiratory Protection: When a person is exposed to dust above exposure limits, you should use appropriate respiratory protection. This should be adapted to the level of dust and comply with standard EN adequate.

Eye protection: Prevent contact with eyes by wearing appropriate goggles when handling the product.

Skin protection should protect the skin with appropriate protective equipment: gloves and sturdy waterproof boots and protective clothing with long sleeves if necessary.

8.2.2 Control of environmental exposure

Preventing release of the product in the form of dust in accordance with the available resources.

9 – PHYSICAL AND CHEMICAL PROPERTIES

Physical state: solid-powder
Colour: gray
Odor: Characteristic / almost odorless
pH: 13
Boiling point: Not applicable
Melting point: Not applicable
Flammability: not flammable
Danger of explosion: not explosive
Combustive properties: Not applicable
Solubility: Slightly soluble in water

10 – STABILITY AND REACTIVITY

10.1 Conditions to avoid

Avoid wet areas or contact with water.

10.2 Materials to avoid

The contact with water causing the hardening of the product.

10.3 Hazardous Decomposition Products

There are no known hazardous decomposition products.

11 – TOXICOLOGICAL INFORMATION

11.1 Immediate Effects

Eye Contact: Product may cause irritation and damage if not treated timely.

Skin contact: may cause skin irritation or burns on prolonged exposure, if not using proper protection.

11 – TOXICOLOGICAL INFORMATION (Continued)

11.1 Immediate Effects

Inhalation: Irritating to respiratory system.

Ingestion: Accidental ingestion of small amounts related to the handling can cause irritation to the gastrointestinal tract. The ingestion of larger amounts may cause injury.

11.2 Chronic effects

The frequent and prolonged exposure to high concentrations of dust may increase the risk of onset of pulmonary diseases.

12 – ECOLOGICAL INFORMATION

12.1 Ecotoxicity

Partially soluble in water in the form of hydroxides, alkaline form. After hardening due to water absorption (hydration) of moisture or the product does not ecotoxic risks.

12.2 Mobility

Product is not volatile. For the wind can spread in the form of diffuse dust.

12.3 Persistence and degradability

Persistent and not biodegradable.

12.4 Potential for bioaccumulation

Not applicable.

13 – DISPOSAL CONSIDERATIONS

13.1 Product

Clean the form of powder: using water sprays cloud to prevent dust from spreading, subsequently removing the residual paste container and allowed to dry and solidify. There should be at their disposal in accordance with local regulations.

Clean the form of paste: removing the residual paste container and allowed to dry and solidify the material prior to disposal. Thereafter shall proceed to its disposal according to local legislation.

13.2 Packing

The packaging must be disposed according to national regulations and / or locations.

14 – TRANSPORT INFORMATION

14.1 Packaging

The product is packaged in paper bags appropriate, arranged in wooden pallets properly plasticized.

14.2 Transport

The cementitious adhesive is not a dangerous substance. No special precautions are necessary beyond those mentioned in paragraph 8.



15 – REGULATORY INFORMATION

15.1 National / Community

Decree-Law No. 98/2010 of 11 August, which establishes the rules that govern the classification, packaging and labeling of substances dangerous to human health or the environment.

Decree-Law No. 293/2009 of 13 October concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) - Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December.

Regulation (EC) No 1272/2008 of the European Parliament and the Council of 16 December, on classification, labeling and packaging of substances and mixtures (CLP Regulation).

Regulation (EC) No 1907/2006 of the European Parliament and the Council of 18 December concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).

16 – OTHER INFORMATION

In addition to the information contained in this safety data sheet is required:

- Consult the the product datasheet
- Undertake appropriate training of personnel regarding the risks and precautions to be taken in the proper use of the product.

NOTE: All data described here are based on our best knowledge at the time indicated and does not constitute express or implied. Any consequences resulting from use other than recommended in this leaflet will be the responsibility of the user.