



MATERIAL SAFETY DATA SHEET

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Revised edition no : 3

Date : 1 / 10 / 2015

Supersedes : 30 / 4 / 2014

CERMIJOINT RUSTIC GK

JT-01-041

SECTION 1 Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : CERMIJOINT RUSTIC GK

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

Use : Grouting of ceramic coverings.

Process category : PROC 19 : Hand-mixing with intimate contact and only PPE available.

1.3. Details of the supplier of the safety data sheet

Company identification : CERMIX
Rue de la belle croix
62240 Desvres
FRANCE
Tel : +33 (0)3 21 10 10 40
Fax : +33 (0)3 21 92 19 82
E-mail : FDS_Cermix@desvres.com

1.4. Emergency telephone number

Phone nr : ORFILA (INRS) +33 (0)1 45 42 59 59

SECTION 2 Hazards identification

2.1. Classification of the substance or mixture

Hazard Class and Category Code(s), Regulation (EC) No 1272/2008 (CLP)

- Health hazards : Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
Serious eye damage - Category 1 - Danger - (CLP : Eye Dam. 1) - H318
Skin sensitisation - Category 1 - Warning - (CLP : Skin Sens. 1) - H317

2.2. Label elements

Labelling Regulation EC 1272/2008 (CLP)

• Hazard pictograms



• Hazard pictograms : GHS05 - GHS07

• Signal words : Danger

• Hazard statements : H318 - Causes serious eye damage.
H315 - Causes skin irritation.
H317 - May cause an allergic skin reaction.

• Supplemental hazard information : Contact between the skin and the mortar paste can lead to irritations, allergic skin lesions or burns. May damage aluminium or other non-noble metals.

• Precautionary statements

P102 : Keep out of reach of children.
P261 : Avoid breathing dust/fume/gas/mist/vapours/spray.
P280 : Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352 : IF ON SKIN: Wash with plenty of soap and water.
P333+P313 : If skin irritation or rash occurs: Get medical advice/attention.
P305+P351+P338 : IF IN EYES: Rinse cautiously with water for several minutes. Get medical advice/attention.

2.3. Other hazards

Other hazards : Frequent inhalation of a large quantity of cement dust over a long period increases the risk of developing respiratory disease.
Eye contact with the mortar (dry or wet) can cause serious damage to the eyes, which may be potentially irreversible.
The mortar can have an irritating effect on wet skin (because of sweating or ambient humidity) after prolonged contact. Prolonged contact of the skin with wet mortar can cause serious burns because they occur without any pain being felt, for example if working kneeling on wet mortar, including through the thickness of trousers.

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SECTION 2 Hazards identification (continued)

SECTION 3 Composition/information on ingredients

3.1./3.2. Substance / Preparation

Substance / Preparation : Preparation.
Hazardous component(s) : This product is hazardous.

Substance name	Contents	CAS No	EC No	Annex No	REACH Ref.	Classification
Clinker de ciment portland	3 - 20 %	65997-15-1	266-043-4	----	02-2119682167-31	Eye Dam. 1;H318 Skin Irrit. 2;H315 STOT SE 3;H335 Skin Sens. 1;H317

SECTION 4 First aid measures

4.1. Description of first aid measures

Inhalation : Remove victim to fresh air.
Skin contact : If the mortar is dry, wipe off then rinse thoroughly with water. If the mortar is mixed, wash the skin with plenty of water. Remove clothes, shoes, watches and other contaminated objects and clean them thoroughly before reuse. In the case of irritation or burns, seek medical advice.
Eye contact : Do not rub in order to avoid additional damage to the cornea. If necessary, remove contact lenses then rinse immediately with plenty of water for at least 45 minutes while keeping the eyelids wide open in order to eliminate all particulate residues. If possible, use isotonic water (0.9% NaCl). Consult an occupational physician or an ophthalmologist.

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

No data available.

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

Treat symptomatically.

SECTION 5 Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media : Dry powder. Carbon dioxide (CO2). Water spray. Foam.

5.2. Special hazards arising from the substance or mixture

None.

5.3. Advice for fire-fighters

Flammable class : The mortar is not combustible or explosive and it will not facilitate or fuel the combustion of other materials.
Protection against fire : Wear proper protective equipment.
Special procedures : Exercise caution when fighting any chemical fire.
Avoid (reject) fire-fighting water to enter environment.

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SECTION 6 Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

For emergency responders : Minimize generation of dust which may be combustible.
Equip cleanup crew with proper protection.

6.2. Environmental precautions

Environmental precautions : Prevent entry to sewers and public waters.

6.3. Methods and material for containment and cleaning up

Clean up methods : If possible, recover the dispersed product in its dry form.
Dry mortar: use cleaning methods that do not cause dispersion of the dry product in the air. If this is not possible, ensure that the personnel in charge of sweeping operations wear appropriate individual protective equipment and ensure that the dust is not allowed to disperse further. Avoid mortar inhalation and any contact with the skin. Place the recovered product in a closed container. Provoke its setting before disposing of it, as indicated in section 13.
Mixed mortar: recover and place in a closed container. Wait for the product to set before disposing of it, as indicated in section 13.

6.4. Reference to other sections

See Heading 13.
See Heading 8.

SECTION 7 Handling and storage

7.1. Precautions for safe handling

Handling : Ensure prompt removal from eyes, skin and clothing. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work.

Technical protective measures : Either local exhaust or general room ventilation is usually required.

Special precautions : Avoid the formation of dust: first, pour the water into the mixing trough, then the mortar. Do not pour from a height and start mixing at a regular slow speed.
Handle in accordance with good industrial hygiene and safety procedures.

7.2. Conditions for safe storage, including any incompatibilities

Storage : Store in dry, cool, well-ventilated area.

7.3. Specific end use(s)

Not applicable.

SECTION 8 Exposure controls/personal protection

8.1. Control parameters

France:
TLV = 10 mg/m³ (total dust)
TLV = 5 mg/m³ (alveolar dust)
DNEL :
Inhalation 8(h) : 3 mg/m³.
Dermal : -
Oral : -
PNEC :
Water. : -
Sediments : -
Soil. : -

8.2. Exposure controls

8.2.1. Appropriate engineering controls

Frequency and duration of use/exposure (occupational use): not applicable.

8.2.2. Individual protection measures, such as personal protective equipment

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SECTION 8 Exposure controls/personal protection (continued)

Personal protection

• Respiratory protection

: If an individual is exposed to dust above the exposure limit values, use appropriate respiratory protection systems which must be adapted to the fineness / level of dust present, in line with appropriate European standards.

Face shield P2 (FF, FM).

• Skin protection

: Wear waterproof, alkali resistant and cotton-lined gloves, boots, protective clothing with closed long sleeves and use skin care products (including barrier creams) to protect the skin from prolonged contact with the mortar. Take care that mixed mortar does not penetrate into boots. In certain circumstances, for example while working on floors, the use of kneepads or waterproof trousers is necessary.

• Eye protection

: Wear approved glasses or waterproof glasses in accordance with EN66 when handling dry or mixed mortar to avoid contact with the eyes.

Industrial hygiene

: Provide local exhaust or general room ventilation.

SECTION 9 Physical and chemical properties

9.1. Information on basic physical and chemical properties

9.1.a. Appearance

Appearance

: Powder.

Colour

: Yellow-brown.

9.1.b. Odour

Odour

: Negligible.

9.1.c. Odour threshold

No data available.

9.1.d. pH

pH value

: No data available.

9.1.e. Melting point / Freezing point

No data available.

9.1.f. Initial boiling point - boiling range

Boiling point [°C]

: No data available.

9.1.g. Flash point

Flash point [°C]

: Not applicable.

9.1.h. Evaporation rate

Not applicable.

9.1.i. Flammability

Not applicable.

9.1.j. Explosion limits (lower - upper)

Not applicable.

9.1.k. Vapour pressure

Vapour pressure [20°C]

: Not applicable.

9.1.l. Vapour density

Not applicable.

9.1.m. Relative density

Density [g/cm³]

: 1.1-1.4

9.1.n. Solubility

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SECTION 9 Physical and chemical properties (continued)

Solubility : Partially soluble.

9.1.o. Partition coefficient : n-octanol / water

Not applicable.

9.1.p. Auto-ignition temperature

Not applicable.

9.1.q. Thermal decomposition

No data available.

9.1.r. Viscosity

Viscosity : Not applicable.

9.1.s. Explosive Properties

Not applicable.

9.1.t. Oxidising properties

Not applicable.

9.2. Other information

No data available.

SECTION 10 Stability and reactivity

10.1. Reactivity

The mortar solidifies on contact with water.

10.2. Chemical stability

The dry mortar remains stable as long as it is stored properly (see section 7) and is compatible with most other building materials. Once mixed with water, it solidifies into a stable mass which does not react in ordinary environments.

10.3. Possibility of hazardous reactions

Hazardous reactions : None under normal conditions.

Hazardous polymerization : Will not occur.

10.4. Conditions to avoid

Damp storage can cause the formation of lumps and loss of quality of the product.

10.5. Incompatible materials

Avoid the uncontrolled use of aluminium powder in mixed mortar because there is formation of hydrogen.

10.6. Hazardous decomposition products

The mortar does not decompose into hazardous by-products and does not undergo polymerisation.

Hazardous properties : None under normal conditions.

SECTION 11 Toxicological information

11.1. Information on toxicological effects

- **Acute toxicity** : No data available.
- **Skin corrosion/irritation** : Dry mortar in contact with wet skin or exposure to wet or mixed mortar can cause thickening of the skin and the appearance of fissures or chapped skin. Prolonged contact combined with abrasions can cause severe burns.
- **Serious eye damage/irritation** : Direct contact can damage the cornea through rubbing and cause immediate or differed irritation or inflammation. Larger quantities of dry mortar or splashes of mixed mortar can have consequences that range from moderate irritation (conjunctivitis or blepharitis) to chemical burns and blindness.

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SECTION 11 Toxicological information (continued)

- **Respiratory or skin sensitisation** : May lead to sensitization by contact with the skin.
- **Germ cell mutagenicity** : No data available.
- **Carcinogenicity** : No causal link between exposure to cement and the onset of cancer has been able to be established (<http://www.hse.gov.uk/pubns/web/portlandcement.pdf>).
- **Reproductive toxicity** : No data available.
- **Ingestion** : Swallowing large quantities can cause irritation of the digestive tract.

SECTION 12 Ecological information

12.1. Toxicity

- Toxicity information** : The addition of large amounts of mortar to water can cause a pH rise and thus can be toxic for aquatic organisms in certain circumstances.

12.2. Persistence - degradability

Not applicable, since the mortar is an inorganic material. The mortar does not represent any toxic risk after setting.

12.3. Bioaccumulative potential

Not applicable, since the mortar is an inorganic material. The mortar does not represent any toxic risk after setting.

12.4. Mobility in soil

Not applicable, since the mortar is an inorganic material. The mortar does not represent any toxic risk after setting.

12.5. Results of PBT and vPvB assessment

Not applicable, since the mortar is an inorganic material. The mortar does not represent any toxic risk after setting.

12.6. Other adverse effects

SECTION 13 Disposal considerations

13.1. Waste treatment methods

- General** : Dispose in a safe manner in accordance with local/national regulations.
- Avoid disposal in waste water/sewage networks. If the mortar is dry, provoke its setting. Considering that concrete is an inert product, its wastes are classified as non-hazardous.
- Registered in the European Waste Catalogue: 10 13 14 (waste from the manufacture of mortar - waste concrete and concrete sludge) or 17 01 01 (construction and demolition waste - concrete).
- Packaging: completely empty the packaging.
- Registered in the European Waste Catalogue: 15 01 01 (paper and cardboard packaging waste).

SECTION 14 Transport information

- General information** : Not classified.

SECTION 15 Regulatory information

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

Ensure all national/local regulations are observed.

15.2. Chemical Safety Assessment

No data available.

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List of relevant H phrases (Section 3) : H315 - Skin irritation - Category 2 - Warning - (CLP : Skin Irrit. 2) - H315
H317 - Skin sensitisation - Category 1 - Warning - (CLP : Skin Sens. 1) - H317
H318 - Serious eye damage - Category 1 - Danger - (CLP : Eye Dam. 1) - H318
H335 - Specific Target Organ Toxicity - Single exposure - Respiratory tract irritation - Category 3 - Warning - (CLP : STOT SE 3) - H335

List of relevant symbols (heading 2) : DNEL : derived no-effect level.
PNEC : predicted no-effect concentration.
PROC : process category.

Further information : Changes : 1. 2. 3. 8. 16.

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The contents and format of this SDS are in accordance with COMMISSION REGULATION (EU) 2015/830 of 28 May 2015.

End of document**CERMIX**

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