

Safety data sheet

according to Regulation (EC) No 1272/2008 (REACH)

Cara Compenso Plus
Status 12/2022

edelundstein⁺

FOR YOUR WALLS AND FLOORS

Version: 1

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

1.1 Product identifier

Designation Cara Compenso Plus

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

Description/use SU19 Construction industry

1.3. details of the supplier providing the safety data sheet.

Company name edelundstein GmbH
Address Einsteinstraße 12
Location and country 33104 Paderborn
GERMANY
Tel. +49 5254 9330731
Fax + +49 5254 9330733

E-mail of the competent person, info@edel-und-stein.com
responsible for the safety data sheet.

1.4. emergency number

For urgent information contact; Technical information: Dr Felix Ferlemann 0170 / 7362924

SECTION 2. possible hazards

2.1 Classification of the substance or mixture.

The product is classified as dangerous according to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations). Accordingly, the product shall be accompanied by a safety data sheet in accordance with the provisions of Regulation (EC) 1907/2006 and subsequent amendments.

Any additional information on health and/or environmental hazards is provided under sections 11 and 12 of this map.

2.1.1 Regulation 1272/2008 (CLP) and subsequent amendments and adaptations.

Hazard classification and hazard information:

Eye Dam. 1	H318
Skin Irrit. 2	H315
STOT SE 3	H335

2.2 Marking elements.

Hazard labelling in accordance with Regulation (EC) 1272/2008 (CLP) and subsequent amendments and adaptations.



Signal words: Danger

Hazard-determining components of labelling:

Portland cement
Calcium hydroxide

Hazard warnings

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.

Safety instructions

P101	If medical advice is needed, contact a doctor or health care professional. have ready.
P102	Keep out of the reach of children.
P103	Read all instructions carefully and follow them.
P261	Avoid inhalation of dust/fume/gas/mist/vapour/aerosol.
P271	Use only outdoors or in well-ventilated areas.

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P280	Wear protective gloves / eye protection / face protection.
P304+P340	IF INHALED: Remove person to fresh air and allow for unobstructed breathing. Breathing.
P310	Call a POISON CENTRE/doctor immediately.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. rinse. Remove any contact lenses if possible. Continue rinsing.
P321	Special handling (see on this label).
P362+P364	Remove contaminated clothing and wash before reuse.
P332+P313	If skin irritation occurs: Seek medical advice/attention.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Keep under lock and key.
P501	Dispose of contents / container in accordance with local / regional / national/international regulations.

2.3 Other hazards.

Dust produced from the dry mixture may irritate the respiratory tract.

Repeated inhalation of larger amounts of dust increases the risk of lung diseases.

As soon as the dry mixture comes into contact with water or becomes moist, a strongly alkaline solution. Due to the high alkalinity, moist mortar can cause skin and eye irritation.

cause. Especially in the case of prolonged contact (e.g. kneeling in moist mortar), there is a risk of Alkalinity the risk of serious skin damage.

The preparation is low in chromate, therefore there is no risk of sensitisation by chromate. In

of the form ready for use after addition of water, the content of soluble chromium(VI) is at most 0.0002% of the dry mass of the cement contained. A prerequisite for the effectiveness of the chromate reduction is proper dry storage and observance of the expiry date (see point 7.2).

Results of the PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3. composition/information on ingredients

3.2 Mixtures.

Description: Factory-made dry mortar made of mineral binders and aggregates.

Hazardous ingredients:		
CAS: 65997-15-1 EINECS: 266-043-4	Portland cement Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	10-25%
CAS: 1305-62-0 EINECS: 215-137-3 Reg.no.: 01-2119475151-45-xxxx	Calcium hydroxide Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335	2,5-10%
	Dispersible powder based on a copolymer Aquatic Chronic 3, H412	≤2,5%

Additional information: The full text of the H-phrases can be found in section 16.

SECTION 4. first aid measures

4.1 Description of first aid measures.

General information: Immediately remove any clothing contaminated with product.

After inhalation: Provide fresh air. Consult a doctor in case of complaints.

after skin contact:

Remove soaked clothing. Rinse skin immediately with plenty of soap and water. In case of complaints Consult a doctor.

Wash off immediately with water.

after eye contact:

Rinse opened eye for several minutes under running water and consult a doctor. consult

After swallowing: Rinse out mouth and drink plenty of water.

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

No further relevant information available.

4.3. indications for immediate medical help or special treatment.

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No further relevant information available.

SECTION 5. fire-fighting measures

5.1 Extinguishing media.

SUITABLE EXTINGUISHING AGENTS

Product is not combustible, neither as supplied nor when mixed ready for use.

Extinguishing agents and fire-fighting measures must be adapted to the surrounding fire.

Adapt fire extinguishing measures to the surroundings.

Extinguishing media unsuitable for safety reasons Water in full jet.

5.2 Special hazards arising from the substance or mixture.

No further relevant information available

5.3 Advice for fire fighting.

Special protective equipment: Put on breathing apparatus.

Further information none

SECTION 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures.

Avoid dust formation.

Ensure sufficient ventilation.

Wear protective equipment. Keep unprotected persons away.

If swallowed, seek medical advice immediately and show this container or label.

6.2 Environmental protection measures.

Prevent the product from entering waste water, surface water, ground water.

6.3 Methods and material for containment and cleaning.

Apply neutralising agent.

Dispose of contaminated material as waste according to section 13.

Ensure sufficient ventilation.

6.4 Reference to other sections.

See section 7 for safe handling information.

See section 8 for information on personal protective equipment.

For disposal information, see section 13.

SECTION 7. Handling and storage

7.1 Protective measures for safe handling.

Good dust removal.

Ensure good ventilation/extraction at the workplace.

Information about fire and explosion protection: No special measures required.

7.2 Conditions for safe storage taking into account incompatibilities

Let us look at the applicability: TRGS 510.

Store only in the original unopened container.

Keep container tightly closed.

Store in a dry place. Avoid access of water and moisture.

Information on storage in one common storage facility: not required

Further information on storage conditions:

Always follow the manufacturer's instructions on storage conditions and shelf life. If not

If the product is not stored properly (moisture ingress) or is overlaid, the effect of a possibly and a sensitisation through skin contact is not possible.

be excluded.

Keep container tightly closed.

Storage class: VCI storage class: 13 - Non-flammable solid.

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Classification according to the German Ordinance on Industrial Safety and Health (BetrSichV): -

7.3 Specific end uses.

No further relevant information available.
GiSCode ZP1

SECTION 8. Exposure controls/personal protective equipment

8.1 Parameters to be monitored.

Additional notes on the design of technical installations:
No further information, see section 7.

Components with limit values that require monitoring at the workplace:	
14808-60-7 Quartz (10-25%)	
MAK	alveolar fraction
65997-15-1 Portland cement (10-25%)	
AGW	Long-term value: 5 E mg/m ³ DFG
1305-62-0 Calcium hydroxide (2.5-10%)	
AGW	Long-term value: 1E mg/m ³ 2(I);Y, EU, DFG

Additional notes:

General dust limit value 1.25 (A) mg/m³. The exposure limit values are those applicable at the time of the Preparation of the valid TRGS 900.

The lists valid at the time of compilation served as a basis.

8.2 Exposure controls and monitoring.

Personal protective equipment:

General protective and hygienic measures:

Ensure thorough skin cleansing after work and before breaks.

Preventive skin protection with skin protection ointment.

Use a moisturising skin cream after work.

Keep away from food, drink and animal feed.

Immediately remove soiled, saturated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with eyes.

Avoid contact with eyes and skin.

Do not eat, drink, smoke or snort at work.

Respiratory protection:

If the exposure limit values are exceeded (e.g. possible when lighting up), particle-filtering

Use half mask FFP 1 (white).

General information on the use of respiratory protective equipment can be found in the

Berufsgenossenschaftliche Regel DGUV-Regel 112-190.

For short-term or low-level exposure, respiratory filter device; for intensive or prolonged exposure, respiratory filter device.

Use self-contained breathing apparatus.

BGR 190 "Rules for the use of respiratory protective equipment" must be observed (BGR:

Berufsgenossenschaft rule)

Hand protection:

Wear waterproof, abrasion and alkali-resistant protective gloves with CE marking.

General information on the use of protective gloves can be found in the

DGUV Rule 112-195 "Rules for the Use of Protective Gloves" (BGR: Berufsgenossenschaftliche Regel) must be observed.

The glove material must be impermeable and resistant to the product/substance/substance.

preparation. Due to the lack of tests, no recommendation can be made on the glove material for the product/preparation.

preparation / the chemical mixture is dispensed.

Selection of the glove material considering breakthrough times, permeation rates and

of degradation.

Eye protection:

In case of dust formation or splash hazards, use tight-fitting protective goggles according to EN 166.

General information on the use of eye and face protection can be found in the

Berufsgenossenschaftliche Regel DGUV-Regel 112-192.

Tight-fitting safety goggles.

BGR 192 "Rules for the use of eye and face protection" must be observed (BGR:

Berufsgenossenschaft rule)

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Body protection:

Protective clothing.

General information on the use of protective clothing can be found in the

Berufsgenossenschaftliche Regel DGUV-Regel 112-189.

BRG 189 "Rules for the use of protective clothing" must be observed (BGR: Berufsgenossenschaft rule)

SECTION 9. Physical and chemical properties

9.1. information on the basic physical and chemical properties.

Physical state	Powder
Colour	grey
Odour	Odourless
Odour threshold	Not available.
pH value	Not available.
Melting point / freezing point	Not available.
Initial boiling point	Not applicable.
Boiling range	Not available.
Flash point	Not applicable.
Evaporation rate	Not available.
Flammability of solids and gases.	Not available.
Lower inflammatory limit.	Not available.
Upper inflammation limit	Not available.
Lower explosion limit.	Not available.
Upper explosion limit	Not available.
Vapour pressure	Not available.
Vapour density	Not available.
Relative density	Not available.
Solubility in / Miscibility in water	Slightly soluble
Partition coefficient: N-Octyl alcohol/water	Not available.
Auto-ignition temperature	The product is not self-igniting.
Decomposition temperature	Not available.
Viscosity	Not available.
Explosive properties	The product is not explosive.
Oxidising properties	Not available.

9.2 Other information.

Data not available.

SECTION 10. Stability and reactivity

10.1 Reactivity.

No further relevant information available.

10.2 Chemical stability.

Thermal decomposition / conditions to be avoided:

No decomposition when used as intended.

10.3 Possibility of hazardous reactions.

Under normal conditions of use and storage, no hazardous reactions are foreseen.

10.4 Conditions to avoid.

Avoid water ingress and moisture during storage.

10.5 Incompatible materials.

Avoid contact with acids.

10.6 Hazardous decomposition products.

none, if handled and stored properly.

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SECTION 11. Toxicological information

11.1 Information on toxicological effects.

Acute toxicity Based on available data, the classification criteria are not met.

Primary irritant effect:

Corrosive/irritant effect on the skin

Causes skin irritation.

Serious eye damage/irritation

Causes severe eye damage.

Sensitisation of the respiratory tract/skin

There is no evidence of respiratory sensitisation. Based on the available data the classification criteria are considered not to be met.

Other information (on experimental toxicology):

If fresh mortar and fresh concrete have been handled for many years, there is a risk of repeated skin contact. the possibility of sensitisation leading to allergic skin reactions (mason's scabies) can.

The product mixed with water can cause serious skin damage in case of prolonged contact.

Simultaneous mechanical stress on the skin can intensify such effects.

The product mixed with water can cause serious skin damage in case of prolonged contact.

Simultaneous mechanical stress on the skin can intensify such effects.

Additional toxicological information:

CMR effects (carcinogenic, mutagenic and toxic for reproduction)

Effect)

Germ cell mutagenicity Based on available data, the classification criteria are not met.

Carcinogenicity Based on available data, the classification criteria are not met.

Reproductive toxicity Based on available data, the classification criteria are not met.

Specific target organ toxicity at single exposure

May irritate the respiratory tract.

Specific target organ toxicity in case of repeated exposure

Based on available data, the classification criteria are not met.

Aspiration hazard Based on available data, the classification criteria are not met.

SECTION 12. Environmental information

12.1 Toxicity.

Aquatic toxicity: No further relevant information available.

12.2 Persistence and degradability.

Data not available.

12.3 Bioaccumulative potential.

Data not available.

12.4 Mobility in soil.

General notes:

Water hazard class 1 (self-classification): slightly hazardous for water

Do not discharge undiluted or in large quantities into groundwater, water bodies or the aquatic environment.

Do not allow to enter drains.

Must not be discharged undiluted or un-neutralised into waste water or receiving waters.

12.5 Results of PBT and vPvB assessment.

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects.

Data not available.

SECTION 13. Disposal instructions

13.1 Waste treatment processes.

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Recommendation:

Dispose of in accordance with official regulations.

Must not be disposed of together with household waste. Do not allow to enter drains.

Mix material with water and allow to harden.

Uncleaned packaging:

Recommendation: Dispose of in accordance with official regulations.

SECTION 14. Transport information

14.1 UN number

ADR, ADN, IMDG, IATA

not applicable

14.2 UN proper shipping name

ADR, ADN, IMDG, IATA

not applicable

14.3 Transport hazard classes

ADR

Class

not applicable

Hazard labels

-

ADN/R class:

Not applicable

14.4 Packing group

ADR, IMDG, IATA

not applicable

14.5 Environmental hazards:

Not applicable.

14.6 Special precautions for the user

Not applicable.

14.7 Bulk transport in accordance with Annex II of the MARPOL Convention and in accordance with IBC code

ADR

Not applicable.

Number/letter:

No dangerous goods

UN Model Regulation

not applicable

SECTION 15 Legislation

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

Directive 2012/18/EU

Named hazardous substances - ANNEX I None of the ingredients are included.

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in

Electrical and electronic equipment - Annex II

None of the ingredients are included.

National regulations:

Water hazard class: WGK 1 (Self-assessment): slightly hazardous for water.

Other regulations, restrictions and prohibitions

DGUV Regulation 112-189 "Use of protective clothing".

DGUV Regulation 112-190 "Use of respiratory protective equipment".

DGUV Regulation 112-192 "Use of eye and face protection".

DGUV Regulation 112-195 "Use of protective gloves".

UVV: "Processing of coating materials" (BGV D 25)

Practical guide for the handling of epoxy resins (published by the Berufsgenossenschaft
the construction industry) - www.bgbau.de or www.gisbau.de

Handling Epoxy Resin Systems More Safely (published by Plastic Europe) -

www.plasticseurope.org

BGR 227 "Activities involving epoxy resins" (published by the Hauptverband der gewerblichen

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Berufsgenossenschaften) - www.dguv.de

15.2 Chemical safety assessment.

A chemical safety assessment has not been carried out.

SECTION 16. other information

The information is based on the current state of our knowledge, but it does not represent a warranty of product characteristics and do not establish a contractual legal relationship.

Relevant sentences

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

H412 Harmful to aquatic life with long lasting effects.

Abbreviations and acronyms:

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Irritant/corrosive to skin - Category 2

Eye Dam. 1: Serious eye damage/eye irritation - Category 1

STOT SE 3: Specific target organ toxicity (single exposure) - Category 3

Aquatic Chronic 3: Hazardous to the aquatic environment - long-term hazardous to the aquatic environment - Category 3

This document must not be interpreted as a guarantee of any specific characteristic of the product.

Because the use of the product is not directly controlled by us, the user has the obligation, under his own responsibility, to respect the laws and regulations in force in the field of hygiene and safety. No liability is accepted for incorrect use.

The personnel in charge of handling chemicals shall be trained accordingly.