SAFETY DATA SHEET

This Safety Data Sheet complies with Regulation (EC) No 1907/2006 of 18.12.2006 - REACH and Regulation (EU) 2020/878 of 18.06.2020.

CEMFILLER

Date of issue: 14.04.2022
EN version: 1.0

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

1.1. Product identifier **CEMFILLER**

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified use: Decorative plaster for interior and exterior use
Uses advised against: Not specified

1.3. Details of the supplier of the safety data sheet
Cameleo Leśniewicz Gradkowska Sp. J
ul. Sikorskiego 139
63-100 Psarskie
Tel. +48 61 28 35 899
E-mail address of the person responsible for the safety data sheet: office@cameleo.pl

1.4. Emergency telephone number +48 61 28 35 899 (8.00-16.00)
112 (general emergency number), 998 (fire service), 999 (emergency medical service);

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture
Classification according to Regulation (EC) No 1272/2008
Eye Dam. 1; H318

Human health hazards
Causes serious eye damage.
Environmental hazards
None.
Physical/chemical hazards
None.

2.2. Label elements
Contains: Calcium hydroxide [CAS: 1305-62-0]
Portland cement [CAS 65997-15-1]

Pictograms:



Signal word: Danger

Hazard statements:
H318 - Causes serious eye damage.

Precautionary statements:
P102 - Keep out of reach of children.
P260 - Do not breathe dust.
P280 - Wear protective gloves/eye protection.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 - Immediately call a POISON CENTER/doctor.
P501 - Dispose of contents/container to an approved waste disposal contractor.

2.3. Other hazards
Dust may cause mechanical irritation.
Dust may form explosive mixtures with air.

Annex XIII to the REACH Regulation - Criteria for identifying persistent, bioaccumulative and toxic (PBT) substances and very persistent and very bioaccumulative (vPvB) substances - The mixture contains no substances meeting the PBT or vPvB criteria.

Substances with endocrine-disrupting properties (according to the criteria in Commission Delegated Regulation (EU) 2017/2100 and Commission Regulation (EU) 2018/605) - not applicable.

SECTION 3: Composition/information on ingredients

3.1. Substances
Not applicable.

3.2. Mixtures
Hazardous ingredients:

Product identifier	Content [%]	Hazard class and category codes	Hazard statement codes and supplemental statements	- Specific concentration limit - M-factor - Acute Toxicity Estimate (ATE)
Calcium hydroxide* CAS: 1305-62-0 EC: 215-137-3 Index No.: - REACH No.: 01-2119475151-45-XXXX	5	Skin Irrit. 2 Eye Dam. 1 STOT SE 3	H315 H318 H335	-
Portland cement* CAS 65997-15-1 EC No.: 266-043-4 REACH No.: -	20	Skin Irrit. 2 Eye Dam. 1 STOT SE 3 Skin Sens. 1B	H315 H318 H335 H317	-
Triiron tetraoxide* CAS: 1317-61-9 EC: 215-168-2 Index No.: - REACH No.: -	<1	-	-	-

Full text of H-statements is given in Section 16.
*Substance for which occupational exposure limit values are available.

SECTION 4: First aid measures

4.1. Description of first aid measures
In case of skin contact:
Remove contaminated clothing. Wash affected skin with soap and water. If skin irritation occurs, consult a doctor.
In case of eye contact:
Rinse eyes with plenty of water for at least 15 minutes, holding the eyelids wide open. Remove contact lenses, if present. Avoid a strong water jet due to the risk of corneal damage. Contact a doctor immediately.
Inhalation:
Move the affected person to fresh air and keep at rest. If breathing difficulties occur, administer oxygen and obtain medical attention.

In case of ingestion:
Do not induce vomiting. Rinse the mouth with water. Seek medical advice.

4.2. Most important symptoms and effects, both acute and delayed
Skin contact may cause irritation and redness.
Direct eye contact may cause severe eye irritation.
Dust may cause mechanical irritation of the respiratory tract.

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, foam, water mist. Use extinguishing methods appropriate to the surrounding conditions.
Unsuitable extinguishing media: strong water jet.

5.2. Special hazards arising from the substance or mixture
Product dust may form explosive mixtures with air.
Combustion releases fumes hazardous to health - carbon oxides.

5.3. Advice for firefighters
Cool containers in the fire area with water spray and, if possible, remove them from the danger area.
In the event of a fire in an enclosed space, wear protective clothing and compressed-air breathing apparatus.
Do not allow firefighting water to enter surface water, groundwater or drains.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures
For non-emergency personnel: notify the appropriate emergency services. Remove persons not involved in the clean-up from the danger area.
For emergency responders: ensure adequate ventilation and use personal protective equipment. Avoid dust formation.

6.2. Environmental precautions
Prevent spreading and entry into drains and bodies of water.

6.3. Methods and material for containment and cleaning up
Contain the spill and collect mechanically. Place contaminated material in appropriately labelled containers for disposal in accordance with applicable regulations.

6.4. Reference to other sections
For product waste disposal, see Section 13 of this sheet.
For personal protective equipment, see Section 8 of this sheet.

SECTION 7: Handling and storage

7.1. Precautions for safe handling
Avoid contact with eyes and skin. Ensure adequate room ventilation.

Observe occupational health and safety practices: do not eat, drink or smoke in the workplace. Wash hands after use. Remove contaminated clothing and protective equipment before entering eating areas.

7.2. Conditions for safe storage, including any incompatibilities
Store in a cool, dry, well-ventilated area.
Store in a closed, properly labelled original container.
Protect from fire, ignition sources, heat and sunlight.
Protect from water and moisture.

7.3. Specific end use(s)
Uses as described in Section 1.2 - no additional recommendations.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters
Occupational exposure limits in accordance with the Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum admissible concentrations and intensities of agents harmful to health in the working environment (Journal of Laws, item 1286, as amended).

Ingredients with occupational exposure limits:

Chemical substance name and CAS number	Maximum admissible concentration (mg/m³), depending on the duration of exposure during a work shift			Fibre count (per cm³)	Notes: Substance marked with "skin" notation
	NDS	NDSCh	NDSP		
Calcium hydroxide [CAS: 1305-62-0] - inhalable fraction - respirable fraction	 2 1	 6 4	 - -	-	-
Triiron tetraoxide [CAS: 1317-61-9] - inhalable fraction - respirable fraction	 5 2.5	 10 5	 - -	-	-

Calcium hydroxide
DNEL, worker, inhalation, long-term exposure, local effects: 1 mg/m³ (respirable fraction)
DNEL, worker, inhalation, short-term exposure, local effects: 4 mg/m³ (respirable fraction)
DNEL, consumer, inhalation, long-term exposure, local effects: 1 mg/m³ (respirable fraction)
DNEL, consumer, inhalation, short-term exposure, local effects: 4 mg/m³ (respirable fraction)
PNEC, freshwater: 0.49 mg/l
PNEC, marine water: 0.32 mg/l
PNEC, sewage treatment plant: 3 mg/l
PNEC, soil: 1080 mg/kg
Triiron tetraoxide
DNEL, worker, inhalation, long-term exposure, systemic effects: 10 mg/m³
DNEL, worker, inhalation, long-term exposure, local effects: 10 mg/m³

8.2. Exposure controls
Appropriate engineering controls:
General room ventilation is recommended.

Observe basic occupational health and safety rules.
Wash hands during breaks and after finishing work with the product.
Do not eat, drink or smoke while working with the product.
Remove contaminated clothing and wash it before reuse.

Individual protection measures, such as personal protective equipment:
Select personal protective equipment according to the hazards at the workplace, taking account of Regulation (EU) 2016/425 of the European Parliament and of the Council and the relevant CEN standards.

Eye/face protection:



Wear safety goggles or a face shield (complying with EN 166).

Skin protection:
Hand protection:



Wear chemical-resistant protective gloves complying with EN 374.

Glove material:
The selection of suitable gloves depends not only on the material, but also on the brand and quality, which vary between manufacturers. The resistance of the glove material can be established by testing. The exact breakthrough time must be determined by the manufacturer.

Other:



Wear work clothing.

Respiratory protection:
Wear dust masks if ventilation is inadequate.

Thermal hazards:
Not applicable.
Environmental exposure controls
Emissions from ventilation systems and process equipment should be checked to determine their compliance with environmental protection legislation.
Observe the basic rules for operating machinery and equipment.
Prevent release to the environment and entry into drains and watercourses.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a)	Physical state	Solid (powder)
b)	Colour	White
c)	Odour	Odourless

d)	Melting point/freezing point (not applicable to gases)	No data available
e)	Boiling point or initial boiling point and boiling range	Not applicable
f)	Flammability (applies to gases, liquids and solids)	Non-flammable
g)	Lower and upper explosion limits (not applicable to solids)	No data available
h)	Flash point (not applicable to gases, aerosols or solids)	Not applicable
i)	Auto-ignition temperature (applies only to gases and liquids)	Not applicable
j)	Decomposition temperature (applies only to self-reactive substances and mixtures, organic peroxides and other substances and mixtures that may decompose)	Not applicable
k)	pH (not applicable to gases)	No data available
l)	Kinematic viscosity (applies only to liquids)	Not applicable
m)	Solubility	Miscible with water
n)	Partition coefficient: n-octanol/water (log value)	Not applicable - mixture
o)	Vapour pressure	Not applicable
p)	Density or relative density (applies only to liquids and solids)	Approx. 2.5 g/cm³
q)	Relative vapour density (applies only to gases and liquids)	Not applicable
r)	Particle characteristics (applies only to solids)	No data available

9.2. Other information
None.

SECTION 10: Stability and reactivity

10.1. Reactivity
The calcium hydroxide in the product reacts with carbon dioxide, forming calcium carbonate.
10.2. Chemical stability
The product is stable under normal conditions of use, storage and transport.
10.3. Possibility of hazardous reactions
Exothermic reactions with acids.
Calcium hydroxide releases hydrogen when reacting with aluminium or brass.
10.4. Conditions to avoid
Avoid heat, ignition sources and sunlight. Avoid moisture.
10.5. Incompatible materials
Strong acids.

10.6. Hazardous decomposition products
No decomposition under the recommended conditions of use and storage.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

a)	Acute toxicity	Based on available data, the classification criteria are not met.
b)	Skin corrosion/irritation	Based on available data, the classification criteria are not met.
c)	Serious eye damage/ eye irritation	Causes serious eye damage.
d)	Respiratory or skin sensitisation	Based on available data, the classification criteria are not met.
e)	Germ cell mutagenicity	Based on available data, the classification criteria are not met.
f)	Carcinogenicity	Based on available data, the classification criteria are not met.
g)	Reproductive toxicity	Based on available data, the classification criteria are not met.
h)	Specific target organ toxicity - single exposure	Based on available data, the classification criteria are not met.
i)	Specific target organ toxicity - repeated exposure	Based on available data, the classification criteria are not met.
j)	Aspiration hazard	Based on available data, the classification criteria are not met.

Data for ingredients:
Calcium hydroxide
LD50, oral, rat: >2000 mg/kg
LD50, dermal, rabbit: >2500 mg/kg
Triiron tetraoxide
LD50, oral, rat: >5000 mg/kg
LC50, inhalation, rat: >210 mg/m³, 14 days (dust/mist)

11.2. Information on other hazards
Endocrine-disrupting properties
None.

SECTION 12: Ecological information

12.1. Toxicity
The mixture is not classified as hazardous to the environment.

Calcium hydroxide
Freshwater fish LC50: 50.6 mg/l, 96 h
Marine fish LC50: 457 mg/l, 96 h
Freshwater crustaceans EC50: 49.1 mg/l, 48 h
Marine crustaceans LC50: 158 mg/l, 96 h
Marine crustaceans NOEC: 32 mg/l, 14 days
Freshwater algae EC50: 184.57 mg/l, 72 h

Freshwater algae NOEC: 48 mg/l, 72 h
Soil microorganisms EC10/LC10 or NOEC: 2000 mg/kg
Soil organisms EC10/LC10 or NOEC: 12000 mg/kg
Terrestrial plants NOEC: 1080 mg/kg, 21 days
Triiron tetraoxide
Fish (Danio rerio) LC0: >50000 mg/l, 96 h
Crustaceans (Daphnia magna) EC50: >100 mg/l, 48 h
Microorganisms (activated sludge) EC50: >10000 mg/l, 3 h

12.2. Persistence and degradability
No information available.

12.3. Bioaccumulative potential
No information available.

12.4. Mobility in soil
No information available.

12.5. Results of PBT and vPvB assessment
The product contains no PBT or vPvB substances.

12.6. Endocrine-disrupting properties
The mixture contains no endocrine-disrupting substances.

12.7. Other adverse effects
No data available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Store residues in the original containers. Dispose of in accordance with applicable regulations.
Empty containers must be disposed of or recycled in accordance with applicable regulations.

Waste codes according to the Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Journal of Laws, item 10).

Community legislation on waste:
DIRECTIVE 2008/98/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 19 November 2008 on waste and repealing certain Directives, as amended.

SECTION 14: Transport information

ADR/RID/IMDG/IATA:
14.1. UN number or ID number
Not applicable; the product is not classified as dangerous for transport.

14.2. UN proper shipping name
Not applicable; the product is not classified as dangerous for transport.

14.3. Transport hazard class(es)
Not applicable; the product is not classified as dangerous for transport.

14.4. Packing group
Not applicable; the product is not classified as dangerous for transport.

14.5. Environmental hazards

Not applicable; the product is not classified as dangerous for transport.

14.6. Special precautions for user
Not applicable; the product is not classified as dangerous for transport.

14.7. Maritime transport in bulk according to IMO instruments
Not applicable; the product is not classified as dangerous for transport.

SECTION 15: Regulatory information

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

1. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), as amended.
2. Commission Regulation (EU) 2020/878 of 18 June 2020 amending Annex II to Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH).
3. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 (CLP), as amended.
4. Act of 25 February 2011 on chemical substances and their mixtures (consolidated text: Journal of Laws 2020, item 2289; 2021, item 2151).
5. Act of 28 May 2020 amending the Act on chemical substances and their mixtures and certain other Acts (Journal of Laws 2020, item 1337).
6. Act of 14 December 2012 on waste (consolidated text: Journal of Laws 2021, items 779, 784, 1648 and 2151).
7. Act of 13 June 2013 on the management of packaging and packaging waste (consolidated text: Journal of Laws 2020, items 1114 and 2361; 2021, item 2151).
8. Regulation of the Minister of Climate of 2 January 2020 on the waste catalogue (Journal of Laws 2020, item 10).
9. Regulation (EU) 2016/425 of the European Parliament and of the Council of 9 March 2016 on personal protective equipment and repealing Council Directive 89/686/EEC.
10. Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste and repealing certain Directives, as amended.
11. Notice of the Marshal of the Sejm of the Republic of Poland of 19 March 2021 announcing the consolidated text of the Act on the carriage of dangerous goods (Journal of Laws 2021, item 756).
12. ADR Agreement 2021 - Government Statement of 15 February 2021 on the entry into force of amendments to Annexes A and B to the European Agreement concerning the International Carriage of Dangerous Goods by Road (ADR), done at Geneva on 30 September 1957 (Journal of Laws 2021, item 874).
13. Regulation of the Minister of Family, Labour and Social Policy of 12 June 2018 on maximum admissible concentrations and intensities of agents harmful to health in the working environment (Journal of Laws, item 1286, as amended).
14. Regulation of the Minister of Health of 30 December 2004 on occupational health and safety related to the presence of chemical agents in the workplace (consolidated text: Journal of Laws 2016, item 1488).
15. Regulation of the Minister of the Environment of 9 December 2003 on substances posing a particular hazard to the environment (Journal of Laws No 217, item 2141).

15.2. Chemical safety assessment
No chemical safety assessment has been carried out for the mixture.

Annex XIV to the REACH Regulation - List of substances subject to authorisation: not applicable.

SVHC substances - Candidate List of substances of very high concern for authorisation: not applicable.

Annex XVII to the REACH Regulation - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, mixtures and articles: not applicable.

SECTION 16: Other information

H-statements:
H315 - Causes skin irritation.
H318 - Causes serious eye damage.
H335 - May cause respiratory irritation.

Explanation of abbreviations, acronyms and symbols:
Skin Irrit. 2 - Skin irritation, category 2
Eye Dam. 1 - Serious eye damage, category 1
STOT SE 3 - Specific target organ toxicity - single exposure, category 3
NDS - Maximum admissible concentration
NDSCh - Short-term maximum admissible concentration
NDSP - Ceiling maximum admissible concentration
DNEL - Derived No-Effect Level
PNEC - Predicted No-Effect Concentration
LC50 (lethal concentration) - Median lethal concentration: a statistically determined concentration of a substance expected to cause death in 50% of exposed organisms during exposure or within a specified period after exposure.

LD50 (lethal dose) - Median lethal dose: a statistically determined single dose of a substance expected to cause death in 50% of exposed test organisms.
EC50 (effective concentration) - Median effective concentration: a statistically calculated concentration in an environmental medium that produces a specified effect in 50% of test organisms under defined conditions.
NOEC (no observed effects concentration) - The highest concentration at which there is no significant increase in the frequency or severity of effects in the test organisms compared with the control sample.
PBT - Persistent, bioaccumulative and toxic
vPvB - Very persistent and very bioaccumulative
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
IMDG - International Maritime Dangerous Goods Code
IATA - Dangerous Goods Regulations issued by the International Air Transport Association

Basis for classification:
Eye Dam. 1; H318 - Based on the content of ingredients (calculation method).

Training:
Before employees start working with the product, they must receive occupational health and safety training concerning chemical agents in the working environment. Carry out and document an occupational risk assessment for the workplace involving chemical agents, and familiarise employees with its results.

SOURCE MATERIALS
Annex to Regulation (EU) 2020/878 of 18 June 2020.
Legislation cited in Section 15 of this sheet.
Information from the Bureau for Chemical Substances.

The information in this safety data sheet relates only to the product named in the title. The data in this sheet should be regarded solely as an aid to the safe use of the product. As storage, transport and use conditions are beyond our control, the data cannot constitute a guarantee in the legal sense. Statutory provisions and any third-party rights must be observed in all cases. This sheet is not a workplace hazard assessment. The product must not be used for purposes other than those specified in Section 1 without prior consultation with the manufacturer.

Prepared by SPIN-DORADZTWO