

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

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

**1.1 Product identifier**

Trade name: **Cembolt Ankkurointipatruuna**

Safety data sheet no.: 358P0167

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

No further relevant information available.

**Application of the substance / the mixture** Construction chemicals

**1.3 Details of the supplier of the safety data sheet**

**Manufacturer/Supplier:**

Saint-Gobain Finland Oy / Weber

PL 70

(Strömberginkuja 2)

FIN-00381 Helsinki

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 295

DL-productsafety.fi@saint-gobain.com

www.fi.weber

**1.4 Emergency telephone number:**

0800 147 111 (toll-free)

09 471 977 (standard rate)

Finnish Poison Information Centre

**SECTION 2: Hazards identification**

**2.1 Classification of the substance or mixture**

**Classification according to Regulation (EC) No 1272/2008**

Skin Irrit. 2 H315 Causes skin irritation.

Eye Dam. 1 H318 Causes serious eye damage.

STOT SE 3 H335 May cause respiratory irritation.

**2.2 Label elements**

**Labelling according to Regulation (EC) No 1272/2008**

The product is classified and labelled according to the CLP regulation.

**Hazard pictograms**



GHS05 GHS07

**Signal word** Danger

**Hazard-determining components of labelling:**

cement portland, grey

**Hazard statements**

H315 Causes skin irritation.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

**Precautionary statements**

P101

If medical advice is needed, have product container or label at hand.

(Contd. on page 2)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 1)

P102 Keep out of reach of children.  
 P103 Read carefully and follow all instructions.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302+P352 IF ON SKIN: Wash with plenty of water.  
 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.  
 P362+P364 Take off contaminated clothing and wash it before reuse.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**

**Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

**Description:** Ready-mixed mortar with Portland cement

**Dangerous components:**

CAS: 65997-15-1	cement portland, grey	75-100%
EINECS: 266-043-4	⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; Skin Sens. 1, H317; STOT SE 3, H335, EUH203 Specific concentration limits: Skin Irrit. 2; H315: C ≥ 1 % Eye Dam. 1; H318: C ≥ 1 %	

**SVHC** Void

**Additional information**

The mixture is "low chromate" according to the Regulation (EC) No 1272/2008 within the product shelf-life, so that the classification with H317 is not applicable, when the packing was not opened in the meantime.

For the wording of the listed hazard statements refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures**

**General information** Immediately remove any clothing soiled by the product.

**After inhalation** Supply fresh air and to be sure call for a doctor.

**After skin contact**

Immediately wash with water and soap and rinse thoroughly.

If skin irritation continues, consult a doctor.

**After eye contact**

Rinse opened eye for several minutes under running water. Then consult doctor. Rinse liquid should be tempered (20-30°C).

**After swallowing**

Rinse out mouth with water. Do not induce vomiting. Seek medical attention and present this data sheet.

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

This powder (wet or dry) may cause irritation or potentially irreversible serious injury on contact with the eyes. Prolonged contact with moist skin (due to e.g. sweat or humidity) can cause skin irritation.

(Contd. on page 3)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 2)

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

No further relevant information available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing agents

Use fire extinguishing methods suitable to surrounding conditions.

The product is not combustible.

**5.2 Special hazards arising from the substance or mixture** No further relevant information available.

### 5.3 Advice for firefighters

**Protective equipment:** Use methods suitable to surrounding conditions.

## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid formation of dust.

Ensure adequate ventilation.

**6.2 Environmental precautions:** Do not allow product to reach sewage system or any water course.

### 6.3 Methods and material for containment and cleaning up:

Ensure adequate ventilation.

The dry powder and the fresh product is removed with water. The hardened product is removed mechanically.

### 6.4 Reference to other sections

See Section 7 for information on safe handling

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Avoid contact with skin and eyes.

Prevent formation of dust.

Provide suction extractors if dust is formed.

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

### 7.2 Conditions for safe storage, including any incompatibilities

#### Storage

#### Requirements to be met by storerooms and receptacles:

Store only in unopened original receptacles.

**Information about storage in one common storage facility:** Store away from foodstuffs.

**Further information about storage conditions:** Store in dry conditions.

**7.3 Specific end use(s)** No further relevant information available.

EUG

(Contd. on page 4)

## Safety Data Sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 3)

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

**Ingredients with limit values that require monitoring at the workplace:**

CAS No. / Designation of material / % / Type / Value / Unit	
<b>CAS: 65997-15-1 cement portland, grey</b>	
AGW (Germany)	Long-term value: 5 E mg/m <sup>3</sup> DFG
LEP (Spain)	Long-term value: 4 mg/m <sup>3</sup> fracción respirable: e, d
TWA (Italy)	Long-term value: 1 mg/m <sup>3</sup> (e, j), A4
VLE (Portugal)	Long-term value: 1 mg/m <sup>3</sup> Fração resp.;A4,função pulm.,sintomas resp.,asma
HTP (Finland)	Long-term value: 5* 1** mg/m <sup>3</sup> *hengittävä pöly, **alveolijae

#### 8.2 Exposure controls

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

The usual precautionary measures are to be adhered to when handling chemicals.

Ensure adequate ventilation during use.

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing.

Wash hands before breaks and at the end of work.

Avoid contact with the eyes and skin.

Use a moisturising skin cream after processing the product.

**Respiratory protection:**

Short term filter device:

Filter P3.

In case of brief exposure or low pollution use respiratory filter device.

In case of intensive or longer exposure use self-contained respiratory protective device.

**Hand protection**

Protective gloves against chemicals (standard EN 374-1)

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

Check protective gloves prior to each use for their proper condition.

**Material of gloves**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.

Nitrile impregnated cotton gloves complying with the standard EN 374-1.

**Penetration time of glove material**

The exact breakthrough time has to be found out by the manufacturer of the protective gloves and has to be observed.

**Eye/face protection** Tightly sealed goggles

**Body protection:** Protective work clothing.

EUG

(Contd. on page 5)

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 4)

**SECTION 9: Physical and chemical properties**

**9.1 Information on basic physical and chemical properties**

**General Information**

<b>Colour:</b>	Grey
<b>Odour:</b>	Characteristic
<b>Odour threshold:</b>	Not determined.
<b>Melting point/freezing point:</b>	>1200 °C (DIN ISO 3016)
<b>Boiling point or initial boiling point and boiling range</b>	Undetermined.
<b>Flammability</b>	Product is not flammable.
<b>Lower and upper explosion limit</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
<b>Flash point:</b>	Not applicable
<b>Auto-ignition temperature:</b>	Not determined.
<b>Decomposition temperature:</b>	Not determined.
<b>pH at 20 °C</b>	12.8
<b>Viscosity:</b>	
<b>Kinematic viscosity</b>	Not applicable.
<b>dynamic:</b>	Not applicable.
<b>Solubility</b>	
<b>Water at 20 °C:</b>	1.5 g/l
<b>Partition coefficient n-octanol/water (log value)</b>	Not determined.
<b>Vapour pressure:</b>	Not applicable.
<b>Density and/or relative density</b>	
<b>Density at 20 °C:</b>	1100 kg/m <sup>3</sup>
<b>Bulk density at 20 °C:</b>	3 g/cm <sup>3</sup>
<b>Vapour density</b>	Not applicable.
<b>Particle characteristics</b>	
See section 3.	

**9.2 Other information**

<b>Appearance:</b>	
<b>Form:</b>	Solid.
<b>Important information on protection of health and environment, and on safety.</b>	
<b>Ignition temperature:</b>	Product is not self-igniting.
<b>Explosive properties:</b>	Product does not present an explosion hazard.
<b>Minimum ignition energy</b>	
<b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
<b>EU-VOC (%)</b>	0,00 %
<b>EU-VOC (g/L)</b>	
<b>Solids content:</b>	100.0 %
<b>Change in condition</b>	
<b>Softening point/range</b>	
<b>Oxidising properties</b>	Not determined.
<b>Evaporation rate</b>	Not applicable.

(Contd. on page 6)

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 5)

**Information with regard to physical hazard**

**classes**

<b>Explosives</b>	Void
<b>Flammable gases</b>	Void
<b>Aerosols</b>	Void
<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Void
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

**SECTION 10: Stability and reactivity**

**10.1 Reactivity** When mixed with water the product hardens forming a stable non-reactive mass.

**10.2 Chemical stability** Stable at recommended storage conditions

**10.3 Possibility of hazardous reactions**

Reacts with acids

Reacts with light alloys in the presence of moisture to form hydrogen

**10.4 Conditions to avoid**

Avoid water ingress/moisture during storage (the product will react with moisture and harden).

**10.5 Incompatible materials:** Acids, ammonium salts, aluminum, non-precious metals.

**10.6 Hazardous decomposition products:** No dangerous decomposition products known.

**SECTION 11: Toxicological information**

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

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

**LD/LC50 values relevant for classification:**

Components	/	Type	/	Value	/	Species
<b>CAS: 65997-15-1 cement portland, grey</b>						
Dermal		LD50		>2,000 mg/kg		(Rabbit)

**Skin corrosion/irritation**

Causes skin irritation.

**Serious eye damage/irritation**

Causes serious eye damage.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

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

(Contd. on page 7)

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 6)

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

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

**STOT-single exposure**

May cause respiratory irritation.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

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

**11.2 Information on other hazards**

**Endocrine disrupting properties**

None of the ingredients is listed.

**SECTION 12: Ecological information**

**12.1 Toxicity**

**Aquatic toxicity:** Not classified as harmful to aquatic life

**12.2 Persistence and degradability** The product is not biodegradable.

**12.3 Bioaccumulative potential** Does not accumulate in organisms

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Does not contain PBT substances.

**vPvB:** Does not contain vPvB substances.

**12.6 Endocrine disrupting properties**

The product does not contain substances with endocrine disrupting properties.

**12.7 Other adverse effects**

**Remark:**

The product contains substances which cause a local pH change and thus have a detrimental effect on fish and bacteria.

**Additional ecological information:**

**General notes:** Do not allow product to reach ground water, water course or sewage system.

**SECTION 13: Disposal considerations**

**13.1 Waste treatment methods**

**Recommendation**

Product hardens after adding water after 5 to 6 hours and can then be disposed of as building rubbish. Possible waste code 17 09 04.

**European waste catalogue**

17 01 01	concrete
16 03 03*	inorganic wastes containing hazardous substances
10 13 14	waste concrete and concrete sludge
HP4	Irritant - skin irritation and eye damage
HP5	Specific Target Organ Toxicity (STOT)/Aspiration Toxicity

**Uncleaned packaging:**

**Recommendation:**

Disposal must be made according to official regulations.

Dispose of packaging according to regulations on the disposal of packagings.

(Contd. on page 8)

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

**Recommended cleaning agent:** Thoroughly shake out sacks.

(Contd. of page 7)

**SECTION 14: Transport information**

**14.1 UN number or ID number**  
ADR, ADN, IMDG, IATA

Void

**14.2 UN proper shipping name**  
ADR, ADN, IMDG, IATA

Void

**14.3 Transport hazard class(es)**  
ADR, ADN, IMDG, IATA  
Class

Void

**14.4 Packing group**  
ADR, IMDG, IATA

Void

**14.5 Environmental hazards:**

Not applicable.

**14.6 Special precautions for user**

Not applicable.

**14.7 Maritime transport in bulk according to IMO instruments**

Not applicable.

**Transport/Additional information:**

Not dangerous according to the above specifications.

**UN "Model Regulation":**

Void

**SECTION 15: Regulatory information**

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

Regulation (EC) No 1907/2006 (REACH) (Candidate List, Annexes XIV and XVII)

Regulation (EC) No 1272/2008 (CLP)

Regulation (EU) 2020/878 (amending REACH Annex II on the compilation of safety data sheets)

Cement clinker is exempted from REACH registration (REACH Article 2(7)(b) and Annex V point 10)

**Labelling according to Regulation (EC) No 1272/2008** cf. section 2

**Directive 2012/18/EU**

**Named dangerous substances - ANNEX I** None of the ingredients is listed.

**REGULATION (EC) No 1907/2006 ANNEX XVII**

The marketing and use of cement is subject to a restriction on the content of soluble Cr (VI) (REACH Annex XVII Entry no. 47 Chromium VI compounds)

Conditions of restriction: 47

**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 is listed.

**REGULATION (EU) 2019/1148**

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

(Contd. on page 9)

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 8)

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**Regulation (EC) No 273/2004 on drug precursors**

None of the ingredients is listed.

**Regulation (EC) No 111/2005 laying down rules for the monitoring of trade between the Community and third countries in drug precursors**

None of the ingredients is listed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**SECTION 16: Other information**

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

The following list of relevant hazard statements is the full text of hazard statements mentioned elsewhere in this safety data sheet (in particular in the section 3) and is reported as required by the Regulation (EC) No 1907/2006 (REACH), Annex II, and the following amendments (Regulation (EU) 2020/878). The statements mentioned here do not refer to the product itself, but refer to the individual ingredients in the products, and are provided for information.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H335 May cause respiratory irritation.

EUH203 Contains chromium (VI). May produce an allergic reaction.

**Classification according to Regulation (EC) No 1272/2008**

Skin corrosion/irritation	Expert judgement
Serious eye damage/irritation Specific target organ toxicity (single exposure)	The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

**Department issuing SDS:**

Saint-Gobain Finland Oy / Weber

QEHS

P.O.Box 70 (Strömberginkuja 2)

FI-00381 Helsinki

**Contact:**

Tel. +358-(0)10-44 22 00

Fax +358-(0)10-44 22 520

**Version number of previous version: 2**

**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

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organisation

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

(Contd. on page 10)

**Safety Data Sheet**  
according to Regulation (EC) No 1907/2006, Article 31

Printing date 02.09.2024

Version number 3 (replaces version 2)

Revision: 02.09.2024

**Trade name: Cembolt Ankkurointipatruuna**

(Contd. of page 9)

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

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

SVHC: Substances of Very High Concern (REACH regulation)

vPvB: very Persistent and very Bioaccumulative

Skin Irrit. 2: Skin corrosion/irritation – Category 2

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

Skin Sens. 1: Skin sensitisation – Category 1

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

**\* Data compared to the previous version altered.**

According to Annex II of the REACH regulation, the modified sections in this version of the Safety Data Sheet in comparison with the previous one are marked with asterisks.

EUG