CEMENTIUS PB

Safety Data Sheet — English translation of the Italian original · Manufacturer: Colorificio ATRIA S.r.l., Partanna (TP), Italy · Revision n.6 of 24/09/2024 (supersedes revision 5 of 24/09/2024) · Product code: CEMC

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

1.1. Product identifier

Code:	CEMC
Name:	CEMENTIUS PB
Code notified to the ISS (Italian National Institute of Health):	—
Company code:	00013450812
Preparation code:	CEMC

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

Description/Use:	Cementitious decorative paint

1.3. Details of the supplier of the safety data sheet

Company name:	COLORIFICIO ATRIA S.R.L.
Address:	Contrada Camarro Formeca
Town and Country:	91028 PARTANNA (TP), ITALY tel. +39 0924 49500 fax +39 0924 921250
E-mail of the competent person responsible for the safety data sheet:	amario@atria.it
Supplier:	Colorificio Atria Srl
US distributor:	ATRIA USA / Euro Star Enterprises LLC 17811 Davenport Road Suite 12, Dallas TX 75252, USA sales@atria-usa.com — +1 972-965-5881

1.4. Emergency telephone number

For urgent information contact: Colorificio Atria Srl — Technical Office +39 0924 49500, hours 08.00–13.00 / 14.30–17.00, excluding holidays.

US contact: ATRIA USA 972-965-5881 (business hours).

Italian Poison Control Centres (CAV):

"Osp. Pediatrico Bambino Gesù" Rome	Piazza Sant'Onofrio, 4	Telephone 06 68593726
Az. Osp. Univ. Foggia, Foggia	V.le Luigi Pinto, 1	Telephone 0881-732326
Az. Osp. "A. Cardarelli" Naples	Via A. Cardarelli, 9	Telephone 081-7472870
CAV Policlinico "Umberto I" Rome	V.le del Policlinico, 155	Telephone 06-49978000
CAV Policlinico "A. Gemelli" Rome	Largo Agostino Gemelli, 8	Telephone 06-3054343
Az. Osp. "Careggi" U.O. Medical Toxicology, Florence	Largo Brambilla, 3	Telephone 055-7947819
CAV National Centre of Toxicological Information, Pavia	Via Salvatore Maugeri, 10	Telephone 0382-24444

Osp. Niguarda Ca' Granda, Milan	Piazza Ospedale Maggiore, 3	Telephone 02-66101029
Azienda Ospedaliera Papa Giovanni XXII, Bergamo	Piazza OMS, 1	Telephone 800883300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

The product is not classified as hazardous pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations).

Classification and hazard statements:	--

2.2. Label elements

Hazard pictograms:	--
Signal words:	--
Hazard statements:	--
Precautionary statements:	--

2.3. Other hazards

On the basis of available data, the product does not contain PBT or vPvB substances in percentage ≥ 0.1%.

The product does not contain substances with endocrine-disrupting properties in concentration ≥ 0.1%.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

The product does not contain substances classified as hazardous to health or the environment pursuant to the provisions of Regulation (EC) 1272/2008 (CLP) (and subsequent amendments and adaptations) in quantities such as to require declaration.

SECTION 4: First aid measures

4.1. Description of first aid measures

Ingestion: In case of ingestion, consult a physician immediately and show the container or the label. Keep the person warm and at rest. Do not induce vomiting unless directed to do so by medical personnel. Tilt the head so that any vomit does not return to the mouth and throat. Protection of first-aiders: No action shall be taken involving any personal risk or without suitable training. If fumes are still suspected to be present, wear a mask or a respirator. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Remove contaminated clothing after washing it thoroughly with water or using gloves.

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

No specific information on symptoms and effects caused by the product is known.

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

Information not available

SECTION 5: Firefighting measures

5.1. Extinguishing media

SUITABLE EXTINGUISHING MEDIA
The extinguishing media are the conventional ones: carbon dioxide, foam, powder and water spray.

UNSUITABLE EXTINGUISHING MEDIA
Do not use a full water jet.

5.2. Special hazards arising from the substance or mixture

HAZARDS DUE TO EXPOSURE IN CASE OF FIRE: Any fires develop a thick black smoke. Exposure to decomposition products may be hazardous to health. Avoid breathing combustion products. Decomposition products may include the following materials: carbon monoxide, carbon dioxide, smoke, nitrogen oxides.

5.3. Advice for firefighters

GENERAL INFORMATION
Cool containers with water jets to prevent product decomposition and the development of substances potentially hazardous to health. Always wear full fire-fighting protective equipment. Collect extinguishing water, which must not be discharged into sewers. Dispose of the contaminated water used for extinguishing and of the fire residue in accordance with the regulations in force.

EQUIPMENT
Normal fire-fighting clothing, such as an open-circuit compressed-air self-contained breathing apparatus (EN 137), flame-retardant suit (EN 469), flame-retardant gloves (EN 659) and firefighter boots (HO A29 or A30).

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

In case of vapours or dusts dispersed in the air, adopt respiratory protection. These indications apply both to processing workers and to emergency responders.

6.2. Environmental precautions

Prevent the product from entering sewers, surface waters and groundwater.

6.3. Methods and material for containment and cleaning up

Contain with earth or inert material. Collect most of the material and remove the residue with water jets. Disposal of contaminated material must be carried out in accordance with the provisions of point 13.

6.4. Reference to other sections

Any information regarding personal protection and disposal is given in sections 8 and 13.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Avoid contact with eyes and skin. Avoid inhalation of vapours, sprays and mists. Eating, drinking and smoking are prohibited in areas where the material is handled, stored or processed. Wear suitable protective equipment (see Section 8). Never empty the product by putting it under pressure. The container is not pressurised. Always keep the material in its original container. Comply with the provisions of the laws concerning health and safety in the workplace. Do not release

the product into the sewer system or watercourses. When workers, for spraying operations or otherwise, must work inside the spray booth, extraction conditions are likely to be insufficient to keep particulates and solvent vapours under control in all cases. In such circumstances they must wear powered (assisted-ventilation) respiratory systems during spraying operations, and for as long as the concentrations of particulates and solvent vapours have not fallen below the exposure limits.

7.2. Conditions for safe storage, including any incompatibilities

Store in accordance with the regulations in force.

Notes on joint storage
Keep away from: oxidising agents, strong alkalis, strong acids.

Additional information on storage conditions
Store in a dry, cool and well-ventilated environment. Keep the container tightly closed. No smoking. No access for unauthorised persons. Opened containers must be carefully resealed and kept upright to prevent accidental spillage of the product.

7.3. Specific end use(s)

Information not available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Information not available

8.2. Exposure controls

Observe the usual safety measures applicable when handling chemical substances.

HAND PROTECTION
Not necessary.

SKIN PROTECTION
Not necessary.

EYE PROTECTION
Not necessary.

RESPIRATORY PROTECTION
If the threshold value (e.g. TLV-TWA) of the substance or of one or more of the substances present in the product is exceeded, it is advisable to wear a mask with a type A filter whose class (1, 2 or 3) must be chosen in relation to the limit concentration of use (ref. standard EN 14387). Should gases or vapours of a different nature and/or gases or vapours with particles (aerosol, fumes, mists, etc.) be present, combined-type filters must be provided. The use of respiratory protection equipment is necessary if the technical measures adopted are not sufficient to limit the worker's exposure to the threshold values considered. The protection offered by masks is in any case limited. If the substance in question is odourless or its olfactory threshold is higher than its TLV-TWA, and in emergencies, wear an open-circuit compressed-air self-contained breathing apparatus (ref. standard EN 137) or a fresh-air-hose breathing apparatus (ref. standard EN 138). For the correct choice of respiratory protective device, refer to standard EN 529.

ENVIRONMENTAL EXPOSURE CONTROLS
Emissions from production processes, including those from ventilation equipment, should be controlled for the purposes of compliance with environmental-protection legislation.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Property	Value	Information
Physical state	viscous liquid	
Colour	grey	
Odour	odourless	
Melting point or freezing point	not available	
Initial boiling point	not available	
Boiling range	not available	Note: The mixture does not have a boiling point
Flammability	not available	Note: The mixture does not have a flash point
Lower explosive limit	not available	
Upper explosive limit	not available	
Flash point	> 60 °C	
Auto-ignition temperature	not available	
Decomposition temperature	not available	
pH	8.05	
Kinematic viscosity	30000–35000 cP	Method: Brookfield viscometer; Temperature: 25 °C
Solubility	Soluble in water	
Partition coefficient: n-octanol/water	not available	
Vapour pressure	not available	
Density and/or relative density	1.758 kg/l	
Relative vapour density	not available	
Particle characteristics	not applicable	

9.2. Other information

9.2.1. Information with regard to physical hazard classes

Information not available

9.2.2. Other safety characteristics

VOC (Directive 2010/75/EU)	6.13 g/litre

SECTION 10: Stability and reactivity

10.1. Reactivity

No specific experimental data on reactivity are available for this product or its ingredients.

CALCIUM CARBONATE

Decomposes at temperatures above 800°C/1472°F.

10.2. Chemical stability

The product is stable under normal conditions of use and storage.

10.3. Possibility of hazardous reactions

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

10.4. Conditions to avoid

None in particular. However, observe the usual precautions applicable to chemical products.

10.5. Incompatible materials

To avoid strong exothermic reactions, keep away from the following materials: oxidising agents, strong alkalis, strong acids.

CALCIUM CARBONATE

Incompatible with: acids.

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be generated.

CALCIUM CARBONATE

May develop: calcium oxides, carbon oxides.

SECTION 11: Toxicological information

No episodes of damage to health due to exposure to the product are known. In any case, it is recommended to operate in compliance with good industrial hygiene practice.

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

Metabolism, kinetics, mechanism of action and other information

Information not available

Information on likely routes of exposure

Information not available

Immediate, delayed and chronic effects from short- and long-term exposure

Information not available

Interactive effects

Information not available

ACUTE TOXICITY

ATE (Inhalation) of the mixture:	Not classified (no relevant component)
ATE (Oral) of the mixture:	Not classified (no relevant component)
ATE (Dermal) of the mixture:	Not classified (no relevant component)

SKIN CORROSION / SKIN IRRITATION

Does not meet the classification criteria for this hazard class

SERIOUS EYE DAMAGE / EYE IRRITATION

Does not meet the classification criteria for this hazard class

RESPIRATORY OR SKIN SENSITISATION

Does not meet the classification criteria for this hazard class

GERM CELL MUTAGENICITY

Does not meet the classification criteria for this hazard class

CARCINOGENICITY

Does not meet the classification criteria for this hazard class

REPRODUCTIVE TOXICITY

Does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) — SINGLE EXPOSURE

Does not meet the classification criteria for this hazard class

SPECIFIC TARGET ORGAN TOXICITY (STOT) — REPEATED EXPOSURE

Does not meet the classification criteria for this hazard class

ASPIRATION HAZARD

Does not meet the classification criteria for this hazard class

11.2. Information on other hazards

On the basis of available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on human health under evaluation.

SECTION 12: Ecological information

Use in accordance with good working practices, avoiding release of the product into the environment. Notify the competent authorities if the product has reached watercourses or has contaminated soil or vegetation.

12.1. Toxicity

Information not available

12.2. Persistence and degradability

Information not available

12.3. Bioaccumulative potential

Information not available

12.4. Mobility in soil

Information not available

12.5. Results of PBT and vPvB assessment

On the basis of available data, the product does not contain PBT or vPvB substances in percentage ≥ 0.1%.

12.6. Endocrine disrupting properties

On the basis of available data, the product does not contain substances listed in the main European lists of potential or suspected endocrine disruptors with effects on the environment under evaluation.

12.7. Other adverse effects

Information not available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Reuse where possible. Product residues as such are to be considered non-hazardous special waste. Disposal must be entrusted to a company authorised for waste management, in compliance with national and, where applicable, local regulations.

CONTAMINATED PACKAGING
Contaminated packaging must be sent for recovery or disposal in compliance with national waste-management regulations.

SECTION 14: Transport information

The product is not to be considered hazardous pursuant to the provisions in force concerning the transport of dangerous goods by road (ADR), by rail (RID), by sea (IMDG Code) and by air (IATA).

14.1. UN number or ID number

not applicable

14.2. UN proper shipping name

not applicable

14.3. Transport hazard class(es)

not applicable

14.4. Packing group

not applicable

14.5. Environmental hazards

not applicable

14.6. Special precautions for user

not applicable

14.7. Maritime transport in bulk according to IMO instruments

Information not relevant

SECTION 15: Regulatory information

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

Seveso Category — Directive 2012/18/EU: None

Restrictions relating to the product or the substances contained pursuant to Annex XVII of Regulation (EC) 1907/2006

Substances contained

Point	75

Regulation (EU) 2019/1148 — on the marketing and use of explosives precursors

not applicable

Substances in the Candidate List (Art. 59 REACH)

On the basis of available data, the product does not contain SVHC substances in percentage ≥ 0.1%.

Substances subject to authorisation (Annex XIV REACH)

None

Substances subject to export notification requirement, Regulation (EU) 649/2012:

None

Substances subject to the Rotterdam Convention:

None

Substances subject to the Stockholm Convention:

None

Health checks (medical surveillance)

Information not available

D.Lgs. 152/2006 and subsequent amendments

Emissions according to Part V, Annex I:

TAB. B	Class III	< 0.01 %
WATER		12.88 %

15.2. Chemical safety assessment

No chemical safety assessment has been prepared for the mixture / for the substances indicated in section 3.

SECTION 16: Other information

LEGEND:

- ADR: European Agreement concerning the carriage of Dangerous goods by Road
- CAS: Chemical Abstract Service number
- CE (EC): Identification number in ESIS (European archive of existing substances)
- CLP: Regulation (EC) 1272/2008
- DNEL: Derived No-Effect Level
- EC50: Concentration giving effect to 50% of the test population
- EmS: Emergency Schedule
- GHS: Globally Harmonized System of classification and labelling of chemicals
- IATA DGR: Dangerous Goods Regulation of the International Air Transport Association
- IC50: Immobilisation concentration of 50% of the test population
- IMDG: International Maritime code for the transport of Dangerous Goods
- IMO: International Maritime Organization
- INDEX: Identification number in Annex VI of the CLP
- LC50: Lethal Concentration 50%
- LD50: Lethal Dose 50%
- OEL: Occupational Exposure Level
- PBT: Persistent, Bioaccumulative and Toxic according to REACH
- PEC: Predicted Environmental Concentration
- PEL: Predicted Exposure Level
- PNEC: Predicted No-Effect Concentration
- REACH: Regulation (EC) 1907/2006
- RID: Regulation concerning the International carriage of Dangerous goods by rail
- STA (ATE): Acute Toxicity Estimate
- TLV: Threshold Limit Value
- TLV CEILING: Concentration that must not be exceeded at any time during occupational exposure
- TWA: Time-Weighted Average exposure limit
- TWA STEL: Short-Term Exposure Limit
- VOC: Volatile Organic Compound
- vPvB: very Persistent and very Bioaccumulative according to REACH
- WGK: Water hazard class (Germany)

GENERAL BIBLIOGRAPHY:

1. Regulation (EC) 1907/2006 of the European Parliament (REACH)
2. Regulation (EC) 1272/2008 of the European Parliament (CLP)
3. Regulation (EU) 2020/878 (Annex II of the REACH Regulation)
4. Regulation (EC) 790/2009 of the European Parliament (I Atp. CLP)
5. Regulation (EU) 286/2011 of the European Parliament (II Atp. CLP)
6. Regulation (EU) 618/2012 of the European Parliament (III Atp. CLP)
7. Regulation (EU) 487/2013 of the European Parliament (IV Atp. CLP)
8. Regulation (EU) 944/2013 of the European Parliament (V Atp. CLP)
9. Regulation (EU) 605/2014 of the European Parliament (VI Atp. CLP)
10. Regulation (EU) 2015/1221 of the European Parliament (VII Atp. CLP)
11. Regulation (EU) 2016/918 of the European Parliament (VIII Atp. CLP)
12. Regulation (EU) 2016/1179 (IX Atp. CLP)
13. Regulation (EU) 2017/776 (X Atp. CLP)
14. Regulation (EU) 2018/669 (XI Atp. CLP)
15. Regulation (EU) 2019/521 (XII Atp. CLP)
16. Delegated Regulation (EU) 2018/1480 (XIII Atp. CLP)
17. Regulation (EU) 2019/1148

18. Delegated Regulation (EU) 2020/217 (XIV Atp. CLP)
19. Delegated Regulation (EU) 2020/1182 (XV Atp. CLP)
20. Delegated Regulation (EU) 2021/643 (XVI Atp. CLP)
21. Delegated Regulation (EU) 2021/849 (XVII Atp. CLP)
22. Delegated Regulation (EU) 2022/692 (XVIII Atp. CLP)

- The Merck Index — 10th Edition
- Handling Chemical Safety
- INRS — Fiche Toxicologique (toxicological sheet)
- Patty — Industrial Hygiene and Toxicology
- N.I. Sax — Dangerous properties of Industrial Materials-7, 1989 Edition
- IFA GESTIS website
- ECHA Agency website
- Database of SDS models for chemical substances — Italian Ministry of Health and Istituto Superiore di Sanità

Note for the user:
The information contained in this sheet is based on the knowledge available to us at the date of the latest version. The user must ensure the suitability and completeness of the information in relation to the specific use of the product. This document must not be interpreted as a guarantee of any specific property of the product. Since the use of the product does not fall under our direct control, it is the user's obligation to observe, under his own responsibility, the laws and provisions in force concerning hygiene and safety. No liability is accepted for improper use. Provide adequate training to personnel involved in the use of chemical products.

CLASSIFICATION CALCULATION METHODS
Physical-chemical hazards: The classification of the product was derived from the criteria established by the CLP Regulation, Annex I, Part 2. The methods for evaluating the physical-chemical properties are reported in section 9.
Health hazards: The classification of the product is based on the calculation methods set out in Annex I of the CLP, Part 3, unless otherwise indicated in section 11.
Environmental hazards: The classification of the product is based on the calculation methods set out in Annex I of the CLP, Part 4, unless otherwise indicated in section 12.

Changes with respect to the previous revision:
Variations were made to the following sections: 02 / 03 / 04 / 06 / 07 / 08 / 09 / 10 / 11 / 12 / 13 / 15.

This document is an English translation of the manufacturer's original Italian Safety Data Sheet (revision noted above), prepared by ATRIA USA / Euro Star Enterprises LLC, Dallas TX (sales@atria-usa.com, +1 972-965-5881) for the convenience of US customers. In case of discrepancy the Italian original prevails. The original is available on request.