

Document type **Safety Data Sheet**

1. Product identification

1.1 Trading Name	PASTELLONE GREY PASTELLONE FINE PASTELLONE MEDIUM
1.2 Type of product and use	Hydraulic lime and Portland cement-based floor coating in powder form
1.3 Producer	Stucco Italiano Srl Via Rovereto 20 – 36030 Costabissara (VI) – Italy Tel.: +39 0444 700 991, Email: info@stuccoitaliano.it web: www.stuccoitaliano.com
1.4 Emergency contact num.	Technical information: Stucco Italiano Srl office +39 0444 700 991 (Monday-Friday 8.00–17.00); Mobile phone +39 340 3058872 (Saturday and Sunday)

2. Identification of hazards

2.1 Classification of the substance or mixture

According to regulation (EC) No 1272/2008 (CLP)

Signal	Hazard class	Hazard category	Hazard statement
Danger	Eye damage	1	H318: Causes serious eye damage
Warning	Skin irritation	2	H315: Causes skin irritation
Warning	Skin sensitisation	1B	H317: May cause an allergic skin reaction
Warning	STOT SE 3		H335: May cause respiratory irritation

2.2 Label Elements

Hazard pictograms



Signal word

Danger, Warning

Hazard statements:

H318: Causes serious eye damage
H315: Causes skin irritation
H317: May cause an allergic skin reaction
H335: May cause respiratory irritation

Precaution statements

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P280 Wear protective gloves/clothing and eye/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.
P332+P313 If skin irritation occurs: Get medical advice/attention
P501 Dispose of contents / container in accordance with national regulations

Supplemental Information

None

Contains

Calcium hydroxide
Portland cement Cr(VI) < 2 ppm

2.3 Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration >= 0.1%

Other hazards

No other hazards

3. Composition

3.1 Substances

N.A.

3.2 Mixtures

Hazardous components within the meaning of the CLP regulation and related classification:

Quantity	Name	Identification number	Classification
>= 2% - < 4%	Calcium hydroxide	CAS: 1305-62-0 EC: 215-137-3 REACH No.: 01-2119475151-45-XXXX	3.2/2 Skin irritation 3.3/1 Eye Dam. 1 H318 3.8/3 STOT SE 3 H335
>= 25% - < 29%	Portland cement	CAS: 65997-15-1 EC: 266-043-4	3.8/3 STOT SE 3 H335 3..2/2 Skin Irrit. 2 H315 3.3/1 Eye Dam. 1 H318 3.4.2/1B Skin. Sens. 1B H317

4. First-aid measures

4.1 First aid measures:

Contact with skin

Immediately take off all contaminated clothing. Seek immediate medical advice. After contact with skin, wash immediately with soap and plenty of water

Contact with eyes

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time. Seek medical advice. Do not use eye drops or any kind of lotion unless prescribed by a specialist. Do not rub the eyes.

Ingestion

Do not induce vomiting. Seek medical advice immediately

Inhalation

Seek medical advice immediately. Move the person to fresh air, away from the scene of the accident

4.2 Most important symptoms

None

4.3 Medical attention

In case of unwellness, seek medical advice immediately

Treatment

None

5. Firefighting measures

5.1 Extinguishing media	<p>Suitable media:</p> <p>Water</p> <p>Carbon dioxide (CO₂)</p> <p>Media which must not be used:</p> <p>None in particular</p>
5.2 Special hazards	<p>Do not inhale explosion and combustion gases</p> <p>Burning produces heavy smoke</p>
5.3 Advice for firefighters	<p>Use suitable breathing apparatus</p> <p>Collect contaminated fire extinguishing water separately. This must not be discharged into drains</p> <p>Move undamaged containers from immediate hazard area if it can be done safely</p>

6. Accidental release measures

6.1 Individual precautions	<p>Wear protective garments, gloves, glasses</p> <p>Wear breathing apparatus if exposed to dusts</p> <p>Provide adequate ventilation</p> <p>Use appropriate respiratory protections</p> <p>See protective measures under point 7 and 8</p>
6.2 Environmental precaution	<p>Do not allow to enter soil / subsoil. Do not allow to enter into surface water or drains. Retain contaminated washing water and dispose it</p> <p>In case of gas escape or of entry into waterways, soil or drains, inform the responsible authorities. Suitable material for taking up: absorbing material, organic, sand</p>
6.3 Cleaning methods	<p>Collect as much product as possible, possibly absorb the residue with inert material. Wash the area with water. Remove everything in compliance with the relevant regulation.</p>

7. Handling and storage

7.1 Handling precautions	<p>Avoid contact with skin and eyes, inhalation of dusts and mists</p> <p>Do not eat or drink during handling</p> <p>Use with adequate ventilation</p> <p>Avoid inhalation of vapours and mists</p> <p>Don't use empty container before they have been cleaned</p> <p>Contaminated clothing should be changed before entering eating areas.</p>
7.2 Incompatible materials	<p>Keep away from food and drink</p>
Storage conditions	<p>Keep the containers properly closed, in a clean, dry and dark space at a temperature between +5°C and +30°C.</p>

8. Individual control

8.1 Control parameters	<p>Calcium hydroxide – CAS: 1305-62-0</p> <p>OEL Type: EU - TWA(8h): 1 mg/m³ - STEL: 4 mg/m³ - Notes: Respirable fraction OEL Type: ACGIH - TWA(8h): 5 mg/m³ - Notes: Eye, URT and skin irritation</p> <p>Portland cement – CAS: 1305-62-0</p>
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OEL Type: ACGIH – TWA(8h): 1 mg/m³ – Notes: (E,R), A4 – Pulm func, resp symptoms, asthma

DNEL Exposure Limit Values

Calcium hydroxide - CAS: 1305-62-0
 Worker Professional: 4 mg/m³ - Consumer: 4 mg/m³ - Exposure: Human Inhalation - Frequency: Short Term, local effects
 Worker Professional: 1 mg/m³ - Consumer: 1 mg/m³ - Exposure: Human Inhalation - Frequency: Long Term, local effects

PNEC Exposure Limit Values

Portland cement -CAS: 65997-15-1
 Worker professional: 0.001 mg/l – Exposure: Human inhalation
 Calcium hydroxide - CAS: 1305-62-0
 Target: Fresh Water - Value: 0.49 mg/l
 Target: Marine water - Value: 0.32 mg/l
 Target: Microorganisms in sewage treatments - Value: 3 mg/l Target: Soil (agricultural) - Value: 1080 mg/kg

8.2 Exposure controls

Precautionary measures

Do not eat or drink during work, wash hands at every break and at the end of work.

Breathing protection

Use respiratory protection where ventilation is insufficient or exposure is prolonged

Hands protection

Use protective gloves that provide comprehensive protection (PVC, neoprene or rubber)

Eyes protection

Use close fitting safety glasses with side shields, don't use eye lenses

Skin protection

Use clothing that provides comprehensive protection to the skin (cotton, rubber, PVC)

Exposure limits

No safety measures for normal use.

Thermal hazards

None

Environmental exposure

None

Engineering controls

None

9. Chemical / Physical characteristics

Physical state	Solid, powder
Colour	PASTELLONE: white ; PASTELLONE GREY: grey
Odour	Weak
pH value	11.5 ± 0.50
Melting / freezing point:	N.A.
Boiling point	N.A.
boiling range	N.A.
Water solubility	N.A.
Specific weight	N.A.
Flammability	N.A.
Vapour density	N.A.
Flash point:	N.A.

Vapour pressure	N.A.
Evaporation rate	N.A.
Relative density	N.A.
Solubility in oil	N.A.
Partition coefficient	N.A.
Anti-ignition temperature	N.A.
Decomposition temperature	N.A.
Viscosity	N.A.
Explosive properties	N.A.
Oxidising properties	N.A.
9.2 Other information	N.A.
Miscibility	N.A.
Fat Solubility	N.A.
Conductivity	N.A.
Substance groups	N.A.

10. Stability and reactivity

10.1 Reactivity	Stable under normal conditions
10.2 Chemical stability	Stable under normal conditions
10.3 Hazardous reactions	None
10.4 Conditions to avoid	None in particular. Stable in normal conditions.
10.5 Incompatible materials	None in particular.
10.6 Decomposition hazards	None

11. Toxicological information

11.1 Toxicological effect	Specific toxicological information not available
Acute toxicity	Not classified. No data available for the product
Skin irritation	The product is classified: Skin irritation 2 H315
Serious eye damage	The product is classified: Eye damage 1 H318
Respiratory sensitisation	The product is classified: May cause respiratory irritation STOT SE 3 H335
Skin sensitisation	The product is classified: May cause an allergic skin reaction 1B H317
Germ cell mutagenicity	Not classified. No data available for the product
Carcinogenicity	Not classified. No data available for the product
Reproductive toxicity	Not classified. No data available for the product
STOT-single exposure	The product is classified: STOT SE 3 H335
STOT-repeated exposure	Not classified. No data available for the product
Aspiration hazards	Not classified. No data available for the product

Toxicological information of the main substances found in the product

Calcium hydroxide – CAS: 1305-62-0
 a) acute toxicity:
 Test LD50 – Route: Oral – Species: Rat > 2000 mg/kg
 Test: LD50 – Route: Skin – Species: Rabbit > 2500 mg/kg

11.2 Other hazards

Endocrine disrupting properties: No endocrine disruptor substances present in concentration $\geq 0.1\%$

12. Ecological information

12.1 Toxicity

Do not disperse the product in the environment.
 Waste waters and residues do not have to be poured into drains, into the ground or in watercourses.
 Not classified for environmental hazards.
 No data available for the product

Aquatic acute toxicity

Endpoint: LC50 - Species: Fish 50.6 mg/l - Duration h: 96 - Notes: tap water
 Endpoint: LC50 - Species: Fish 457 mg/l - Duration h: 96 - Notes: see water
 Endpoint: EC50 - Species: Daphnia 49.1 mg/l - Duration h: 48 - Notes: tap water
 Endpoint: LC50 - Species: Daphnia 158 mg/l - Duration h: 96 - Notes: see water
 Endpoint: EC50 - Species: Algae 184.57 mg/l - Duration h: 72 - Notes: tap water
 Endpoint: NOEC - Species: Algae 48 mg/l - Duration h: 72 - Notes: see water

Aquatic chronic toxicity

Endpoint: NOEC - Species: Daphnia 32 mg/l - Duration h: 96

Terrestrial toxicity

Endpoint: NOEC 2000 mg/kg - Notes: macroorganism
 Endpoint: NOEC 12000 mg/kg - Notes: microorganism

Plant toxicity

Endpoint: NOEC 1080 mg/kg - Duration h: 21 - Notes: days

12.1 Persistence degradab.

N.A.

12.3 Bioaccumulative poten.

N.A.

12.4 Mobility un soil

N.A.

12.5 PBT, vPvB assessment

cPvB substances: None – PBT substances: none

12.6 Other adverse effects

None

13. Information on disposal

Waste treatment methods

Disposal of product residues and waste deriving from its use as well as empty containers must be in compliance with current local regulations (EU: as per Leg. Decree 22 dated 5/2/97).

14. Information on transport

14.1 UN number

The product is not dangerous under current provisions of the Code of International Carriage of Dangerous Goods by Road (ADR) and by Rail (RID), of the International Maritime Dangerous Goods Code (IMDG), and of the International Air Transport Association (IATA) regulations.

By road

non-hazardous material, non-flammable, non-explosive, not subject to regulation (A.D.R.)

By rail

non-hazardous material, non-flammable non-explosive, not subject to regulation (RID)

By sea	non-hazardous material, non-flammable, non-explosive, not subject to regulation (IMDG Code)
By air	non-hazardous material, non-flammable, non-explosive, not subject to regulation (IATA)
For US Department of Transportation:	Proper shipping name: none Hazard Class: none ID Number: none Packaging Group: none

15. Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture	<p>Dir. 98/24/EC (Risks related to chemical agents at work) Dir. 2000/39/EC (Occupational exposure limit values) Regulation (EC) n. 1907/2006 (REACH) Regulation (EC) n. 1272/2008 (CLP) Regulation (EC) n. 790/2009 (ATP 1 CLP) and (EU) n. 758/2013 Regulation (EU) 2015/830 Regulation (EU) n. 286/2011 (ATP 2 CLP) Regulation (EU) n. 618/2012 (ATP 3 CLP) Regulation (EU) n. 487/2013 (ATP 4 CLP) Regulation (EU) n. 944/2013 (ATP 5 CLP) Regulation (EU) n. 605/2014 (ATP 6 CLP) Regulation (EU) n. 2015/1221 (ATP 7 CLP) Regulation (EU) n. 2016/918 (ATP 8 CLP) Regulation (EU) n. 2016/1179 (ATP 9 CLP) Regulation (EU) n. 2017/776 (ATP 10 CLP) Regulation (EU) n. 2018/669 (ATP 11 CLP) Regulation (EU) n. 2018/1480 (ATP 13 CLP) Regulation (EU) n. 2019/521 (ATP 12 CLP)</p> <p>Restrictions related to the product or the substances contained according to Annex XVII Regulation (EC) 1907/2006 (REACH) and subsequent modifications: Restrictions related to the product: Restriction 3 Restrictions related to the substances contained: No restriction. Where applicable, refer to the following regulatory provisions : Directive 2012/18/EU (Seveso III) Regulation (EC) nr 648/2004 (detergents). Dir. 2004/42/EC (VOC directive) Provisions related to directive EU 2012/18 (Seveso III): Seveso III category according to Annex 1, part 1 : None</p>
15.2 Chemical safety	No Chemical Safety Assessment has been carried out for the mixture.

16. Other information

In conformity with the provisions of Leg. Decree 03/65 and Directive 99/45 EC the product is labeled as follows:

Signal	Hazard class	Hazard category	Hazard statement
Danger	Eye damage	1	H318: Causes serious eye damage
Warning	Skin irritation	2	H315: Causes skin irritation
Warning	Skin sensitisation	1B	H317: May cause an allergic skin reaction

Warning	STOT SE 3		H335: May cause respiratory irritation
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This safety data sheet has been completely updated in compliance to Regulation 2020/878. Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 (CLP)

Classification according to Regulation (EC) n. 1272/2008	Classification procedure
Eye Damage 1, H318	Calculation method
Skin Irritation 2, H315	Calculation method
Skin Sensitisation 1b H317	Calculation method
STOT SE 3, H335	Calculation method

ADR	European Agreement concerning International Carriage of Dangerous Goods by Road
ATE	Acute Toxicity Estimate
ATEMix	Acute toxicity Estimate (Mixtures)
CAS	Chemical Abstracts Service (division of the American Chemical Society).
CLP	Classification, Labeling, Packaging.
DNEL	Derived No Effect Level.
EINECS	European Inventory of Existing Commercial Chemical Substances.
GefStoffVO	Ordinance on Hazardous Substances, Germany.
GHS	Globally Harmonized System of Classification and Labeling of Chemicals.
IATA	International Air Transport Association.
IATA-DGR	Dangerous Goods Regulation by the "International Air Transport Association" (IATA).
ICAO	International Civil Aviation Organization.
ICAO-TI	Technical Instructions by the "International Civil Aviation Organization" (ICAO).
IMDG	International Maritime Code for Dangerous Goods.
INCI	International Nomenclature of Cosmetic Ingredients.
KSt	Explosion coefficient.
LC50	Lethal concentration, for 50 percent of test population.
LD50	Lethal dose, for 50 percent of test population
PNEC	Predicted No Effect Concentration.
RID	Regulation Concerning the International Transport of Dangerous Goods by Rail.
STEL	Short Term Exposure limit.
STOT	Specific Target Organ Toxicity.
TLV	Threshold Limiting Value.



TWA	Time-weighted average
WGK	German Water Hazard Class.

The information contained herein is based on our knowledge at the date given below, refers only to the product indicated and does not represent a guarantee of particular qualities.

The user has to make sure of the suitability and completeness of such information in relation with the specific use and always under his responsibility act in accordance with the regulation on health, safety and environmental protection, provided by current laws.

The manufacturer declines all liability for improper use.

This SDS cancels and replaces any preceding release.