

Document type **Safety Data Sheet**

1. Product identification

1.1 Trading Name	PROTECTIVE WAX
1.2 Type of product and use	Protective coating
1.3 Producer	Stucco Italiano Srl Via dei Pini 62 – 36016 Thiene (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

EC regulation criteria 1272/2008 (CLP) The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

2.2 Label Elements

The product is not classified as dangerous according to Regulation EC 1272/2008 (CLP).

Hazard pictograms None

Signal word None

Precaution statements None

Special provisions EUH208: Contains: reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one. [EC no. 220-239-6] (3:1) May produce an allergic reaction.
EUH210 Safety data sheet available on request.

2.3 Other hazards No PBT, vPvB or endocrine disruptor substances present in concentration \geq 0.1%. 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
\geq 1%, < 2%	DIETHYLENE GLYCOL MONOETHYL ETHER	REACH: 01-2119475105-42 CAS: 111-90-0 EC: 203-919-7	Substance with a community workplace exposure limit.
\geq 0% , < 0.0015%	reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -	Index number: 613-167-00-5 CAS: 55965-84-9 EC no. 220-239-6	3.1/2/Inhale Acute Tox. 2 H330 3.1/2/Dermal Acute Tox. 2 H310 3.1/3/Oral Acute Tox. 3 H301 3.2/1C Skin Corr. 1C H314 3.3/1 Eye Dam. 1 H318

	isothiazol-3-one		<p>3.4.2/1A Skin Sens. 1A H31 4.1/A1 Aquatic Acute 1 H400 M=100. 4.1/C1 Aquatic Chronic 1 H410 M=100. EUH071 Specific Concentration Limits: C >= 0,6%: Skin Corr. 1C H314 0,06% <= C < 0.6%: Skin Irrit. 2 H315 C >= 0,6%: Eye Dam. 1 H318 0,06% <= C < 0.6%: Eye Irrit. 2 H319 C >= 0,0015%: Skin Sens. 1A H317</p>
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4. First-aid measures

4.1 First aid measures:

Contact with skin

Immediately take off all contaminated clothing. After contact with skin, wash immediately with soap and plenty of water and seek medical advice if skin allergy arouses.

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.

Ingestion

Do not induce vomiting. Seek medical advice immediately

Inhalation

Remove casualty to fresh air and keep warm and at rest

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

Suitable media:
Water
Carbon dioxide (CO₂)
Media which must not be used:
None in particular

5.2 Special hazards

Do not inhale explosion and combustion gases
Burning produces heavy smoke

5.3 Advice for firefighters

Use suitable breathing apparatus
Collect contaminated fire extinguishing water separately. This must not be discharged into drains
Move undamaged containers from immediate hazard area if it can be done safely

6. Accidental release measures

- 6.1 Individual precautions** Wear protective garments, gloves, glasses
Remove person to safety
See protective measures under point 7 and 8
- 6.2 Environmental precaution** Do not allow to enter soil / subsoil. Do not allow to enter into surface water or drains.
Retain contaminated washing water and dispose it
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
- 6.3 Cleaning methods** 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.

7. Handling and storage

- 7.1 Handling precautions** Avoid contact with skin and eyes
Do not eat or drink during handling
Use with adequate ventilation
Avoid inhalation of vapours and mists
Don't use empty container before they have been cleaned
Contaminated clothing should be changed before entering eating areas.
- 7.2 Incompatible materials** None in particular
- Storage conditions** Keep the containers properly closed, in a clean, dry and dark space at a temperature between +5°C and +30°C.

8. Individual control

- 8.1 Control parameters** No occupational exposure limit available

DIETHYLENE GLYCOL MONOETHYL ETHER								
Threshold Limit Value								
Type	Country	TWA/8h		STEL/15min		Remarks / Observations		
		mg/m3	ppm	mg/m3	ppm			
NGV/KGV	SWE		15		30			
OEL	EU	0,076						
Predicted no-effect concentration - PNEC								
Normal value in fresh water				0,74	mg/l			
Normal value in marine water				0,198	mg/l			
Normal value for fresh water sediment				7,32	mg/kg/d			
Normal value for marine water sediment				0,732	mg/kg			
Normal value of STP microorganisms				500	mg/l			
Normal value for the food chain (secondary poisoning)				444	mg/kg			
Normal value for the terrestrial compartment				0,34	mg/kg			
Health - Derived no-effect level - DNEL / DMEL								
Route of exposure	Effects on consumers				Effects on workers			
	Acute local	Acute systemic	Chronic local	Chronic systemic	Acute local	Acute systemic	Chronic local	Chronic systemic
Oral				50 mg/kg bw/d				
Inhalation			18 mg/m3	37 mg/m3			30 mg/m3	61 mg/m3
Skin				25 mg/kg bw/d				83 mg/kg bw/d

Legend:

(C) = CEILING ; INHAL = Inhalable Fraction ; RESP = Respirable Fraction ; THORA = Thoracic Fraction.

VND = hazard identified but no DNEL/PNEC available ; NEA = no exposure expected ; NPI = no hazard identified ; LOW = low hazard ; MED = medium hazard ; HIGH = high hazard.

8.2 Exposure controls

As the use of adequate technical equipment must always take priority over personal protective equipment, make sure that the workplace is well aired through effective local aspiration.

When choosing personal protective equipment, ask your chemical substance supplier for advice.

Personal protective equipment must be CE marked, showing that it complies with applicable standards.

Precautionary measures

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

Breathing protection

Generally not necessary for normal use. In case of aerosol formation or exceeding the threshold value (e.g. TLV-TWA) of the substance or one or more of the substances present in the product, it is recommended to wear a mask with type A filter combined with type P filter (ref. standard EN 14387). The use of respiratory protection means is necessary in case the technical measures adopted are not sufficient to limit the exposure of the worker to the threshold values taken into consideration. The protection offered by the masks is however limited.

Hands protection

Generally not necessary. In case of prolonged contact protect hands with category I work gloves (ref. Standard EN 374). Recommended material: Nitrile, minimum 0.38 mm thick or equivalent protective barrier material with a high level performance for

conditions of use in continuous contact, with a minimum permeability time of 480 minutes in accordance with the CEN standard EN 420 and EN 374.

Eyes protection	In case of probable contact, the use of safety glasses with side protections (Ref. Norma EN 166) is recommended.
Skin protection	No safety measures for normal use.
Thermal hazards	None
Environmental exposure	The emissions generated by manufacturing processes, including those generated by ventilation equipment, should be checked to ensure compliance with environmental standards.
Engineering controls	None

9. Chemical / Physical characteristics

Physical state	liquid
Colour	milky
Odour	fragrance
pH value	8
Melting / freezing point:	N.A.
Boiling point	N.A.
boiling range	N.A.
Water solubility	soluble
Specific weight	N.A.
Flammability	N.A.
Density	1,00
Flash point:	>93°
Vapour pressure	N.A.
Evaporation rate	N.A.
Relative density	N.A.
Solubility in oil	N.A.
Partition coefficient	N.A.
Auto-ignition temperature	N.A.
Decomposition temperature	N.A.
Viscosity	N.A.
Explosive properties	N.A.
Oxidising properties	N.A.
9.2 Other information	VOC (Directive 2010/75/EU): 3,14 % - 31,40 g/litre
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 Due to thermal decomposition or in case of fire, gases and vapours can be released that are potentially harmful to health.

11. Toxicological information

11.1 Toxicological effect In the absence of experimental data for the product itself, health hazards are evaluated according to the properties of the substances it contains, using the criteria specified in the applicable regulation for classification. It is therefore necessary to take into account the concentration of the individual hazardous substances indicated in section 3, to evaluate the toxicological effects of exposure to the product

Acute toxicity Not classified. No data available for the product

Skin irritation reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC - no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) May produce an allergic reaction

Serious eye damage Not classified. No data available for the product

Respiratory sensitisation Not classified. No data available for the product

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 Not classified. No data available for the product

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 N.A.

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.
Reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1)

	LC50 - for Fish 0,19 mg/l/96h trota iridea
	EC50 - for Crustacea 0,16 mg/l/48h
	EC50 - for Algae / Aquatic Plants 0,027 mg/l/72h
12.1 Persistence degradab.	reaction mass of 5-chloro-2-methyl-4-isothiazolin-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) NOT rapidly degradable
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).
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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	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)
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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)

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

15.2 Chemical safety

No Chemical Safety Assessment has been carried out for the mixture.

16. Other information

Text of hazard (H) indications mentioned in section 2-3 of the sheet:

Acute Tox. 2 Acute toxicity, category 2

Acute Tox. 3 Acute toxicity, category 3

Skin Corr. 1C Skin corrosion, category 1C

Skin Sens. 1A Skin sensitization, category 1A

Aquatic Acute 1 Hazardous to the aquatic environment, acute toxicity, category 1

Aquatic Chronic 1 Hazardous to the aquatic environment, chronic toxicity, category 1

H310 Fatal in contact with skin.

H330 Fatal if inhaled.

H301 Toxic if swallowed.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects

EUH071 Corrosive to the respiratory tract.

EUH210 Safety data sheet available on request.

Legend:

ADR	European Agreement concerning the 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 must 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.