

PRIMER VARNISH

Version: 11a Revision date: 10/01/2024

Page 1 of 11

1

IDENTIFICATION OF THE MIXTURE AND OF THE COMPANY OR UNDERTAKING

1.1 Product identifiers.

Product name:	PRIMER VARNISH
---------------	----------------

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

Binding and modifying agent for construction materials.

1.3 Details of the supplier of the safety data sheet.

Company:	SATINE FACTORY S.L
Address:	P.E. C/ Coure 16-24 12530
Town:	Burriana
Province:	Castellón
Telephone:	(+34) 964100100
Fax:	(+34) 692100100
E-mail:	info@satine.es

1.4 Emergency telephone number:

(+34) 692 100 100 (Only available during office hours; Monday-Friday;
08:00-18:00)

2

HAZARDS IDENTIFICATION.

2.1 Classification of the mixture.

The product is not classified as hazardous according to Regulation (EC) No 1272/2008.

2.2 Label elements.

Supplemental hazard statements:

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

2.3 Other hazards.

This substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Ecological information: The substance/mixture does not contain components having endocrine-disrupting properties in accordance with Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels

of 0.1% or higher.

Toxicological information: The substance/mixture does not contain components having endocrine-disrupting properties in accordance with Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

3

COMPOSITION/INFORMATION ON INGREDIENTS.

3.1 Substances.

Not applicable.

3.2 Mixtures.

Chemical description: Aqueous dispersion of an acrylic ester-based copolymer.

This mixture does not contain substances that present a health or environmental hazard in accordance with Regulation (EC) No 1272/2008, that have been assigned a Community workplace exposure limit, or that are classified as PBT/vPvB.

Components

Chemical name	CAS No. EC No. Index No. Registration number	Classification	Concentration (% w/w)
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9 613-088-00-6 01-2120761540-60	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400 Aquatic Chronic 2; H411 M-factor (acute aquatic toxicity): 1 Specific concentration limits: Skin Sens. 1; H317 ≥ 0.05 %	≥ 0.025 - < 0.05
Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1)	55965-84-9 - 613-167-00-5 01-2120764691-48	Acute Tox. 3; H301 Acute Tox. 2; H330 Acute Tox. 2; H310 Skin Corr. 1C; H314 Eye Dam. 1; H318 Skin Sens. 1A; H317 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 EUH071 M-factor (acute aquatic toxicity): 100 M-factor (chronic aquatic toxicity): 100 Specific concentration limits: Skin Corr. 1C; H314 ≥ 0.6 % Skin Irrit. 2; H315 0.06 - < 0.6 % Eye Irrit. 2; H319 0.06 - < 0.6 % Skin Sens. 1A; H317 ≥ 0.0015 % Eye Dam. 1; H318 ≥ 0.6 %	≥ 0.0002 - < 0.0015

4

FIRST AID MEASURES.

4.1 Description of first aid measures.

Owing to the composition and type of the substances present in the preparation, no special warnings are required.

Inhalation.

Move the casualty to fresh air, keep them warm and at rest; if breathing is irregular or stops, give artificial respiration. Do not administer anything by mouth. If unconscious, place in a suitable position and seek medical help.

Eye contact.

If wearing contact lenses, remove them. Rinse the eyes thoroughly with clean, fresh water for at least 10 minutes, pulling the eyelids upwards, and seek medical attention.

Skin contact.

Remove contaminated clothing. Wash the skin thoroughly with soap and water or a suitable skin cleanser. **NEVER** use solvents or thinners.

Ingestion.

If accidentally swallowed, seek medical attention immediately. Keep at rest. **NEVER** induce vomiting.

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

No acute or delayed effects from exposure to the product are known.

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

In case of doubt, or when symptoms of discomfort persist, seek medical attention. Never give anything by mouth to unconscious persons.

5

FIRE-FIGHTING MEASURES.

The product is NOT classified as flammable; in case of fire, follow the measures set out below:

5.1 Extinguishing media.

Recommended extinguishing media.

Extinguishing powder or CO₂. In the case of more serious fires, also alcohol-resistant foam and water spray.

Do not use a direct jet of water for extinguishing.

5.2 Special hazards arising from the mixture.

Special risks.

Fire may produce dense black smoke. As a result of thermal decomposition, hazardous products may form: carbon monoxide, carbon dioxide. Exposure to combustion or decomposition products may be harmful to health.

5.3 Advice for fire-fighters.

Cool tanks, tankers or containers near the source of heat or fire with water. Take the wind direction into account. Prevent the products used to fight the fire from entering drains, sewers or watercourses.

Fire protection equipment.

Depending on the magnitude of the fire, it may be necessary to use heat-protective suits, self-contained breathing apparatus, gloves, protective goggles or face masks and boots.

6

ACCIDENTAL RELEASE MEASURES.

6.1 Personal precautions, protective equipment and emergency procedures.

For exposure control and personal protection measures, see section 8.

6.2 Environmental precautions.

Product not classified as hazardous to the environment; avoid any spillage as far as possible.

6.3 Methods and material for containment and cleaning up.

Collect the spill with non-combustible absorbent materials (earth, sand, vermiculite, diatomaceous earth...). Place the product and the absorbent in a suitable container. The contaminated area must be cleaned immediately with a suitable decontaminant. Pour the decontaminant over the remains and leave it for several days until no reaction occurs, in an unsealed container.

6.4 Reference to other sections.

For exposure control and personal protection measures, see section 8.

For waste disposal, follow the recommendations in section 13.

7

HANDLING AND STORAGE.

7.1 Precautions for safe handling.

The product does not require special handling measures; the following general measures are recommended:

For personal protection, see section 8. Never use pressure to empty the containers; they are not pressure-resistant vessels.

Smoking, eating and drinking must be prohibited in the application area.

Comply with legislation on occupational safety and hygiene.

Keep the product in containers made of a material identical to the original.

7.2 Conditions for safe storage, including any incompatibilities.

The product does not require special storage measures.

As general storage conditions, avoid heat sources, radiation, electricity and contact with foodstuffs.

Keep away from oxidising agents and strongly acidic or alkaline materials.

Store the containers between 5 and 35 °C, in a dry, well-ventilated place.

Store in accordance with local legislation. Observe the indications on the label.

7.3 Specific end use(s).

Binding and modifying agent for construction materials.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION.

8.1 Control parameters.

The product does NOT contain substances with Occupational Exposure Limit Values. The product does NOT contain substances with Biological Limit Values.

8.2 Exposure controls.

Technical measures:

Provide adequate ventilation, which can be achieved by good local extraction-ventilation and a good general extraction system.

Concentration:

100 %

Respiratory protection:

If the recommended technical measures are followed, no personal protective equipment is necessary.

Hand protection:

If the product is handled correctly, no personal protective equipment is necessary.

Eye protection:

If the product is handled correctly, no personal protective equipment is necessary.

Skin protection:

PPE:	Work footwear
Characteristics:	«CE» marking, Category II.
CEN standards:	EN ISO 13287, EN 20347
Maintenance:	These articles conform to the shape of the first user's foot. For this reason, as well as for hygiene reasons, their reuse by another person should be avoided.
Remarks:	Work footwear for professional use is footwear that incorporates protective elements intended to protect the user from injuries that accidents could cause; the jobs for which this footwear is suitable must be checked.

9

PHYSICAL AND CHEMICAL PROPERTIES.

9.1 Information on basic physical and chemical properties.

Appearance:	White liquid
Odour:	Characteristic
Odour threshold:	N.D.
pH:	7.5 – 8.2
Melting point:	N.D.
Boiling point/range:	>100 °C
Flash point:	N.D.
Evaporation rate:	N.D.
Flammability (solid, gas):	N.A.
Lower explosive limit:	N.A.
Upper explosive limit:	N.A.
Vapour pressure:	N.D.
Vapour density:	N.D.
Relative density:	1.03 - 1.09 g/cm ³ (estimated)
Solubility:	Miscible with water.
Fat solubility:	Insoluble or partially soluble in common organic solvents.
Water solubility:	Miscible with water.
Partition coefficient (n-octanol/water):	N.D.
Auto-ignition temperature:	N.A.
Decomposition temperature:	N.D.
Viscosity:	1,500 - 5,000 mPa·s
Explosive properties:	N.A.
Oxidising properties:	N.A.

N.D./N.A. = Not Available/Not Applicable due to the nature of the product.

10 STABILITY AND REACTIVITY.

10.1 Reactivity.

The product does not present hazards due to its reactivity.

10.2 Chemical stability.

Unstable in contact with: - Bases.

10.3 Possibility of hazardous reactions.

Neutralisation may occur on contact with bases.

10.4 Conditions to avoid.

- Avoid contact with bases.

10.5 Incompatible materials.

Avoid the following materials: - Bases.

10.6 Hazardous decomposition products.

Depending on the conditions of use, the following products may be generated:

- Corrosive vapours or gases.

11 TOXICOLOGICAL INFORMATION.

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

Not classified on the basis of the available information.

Repeated or prolonged contact with the product may cause removal of natural oils from the skin, resulting in non-allergic contact dermatitis and absorption of the product through the skin.

Splashes in the eyes may cause irritation and reversible damage.

a) acute toxicity;

Inconclusive data for classification.

Components:

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity:	LD50 oral (rat): 490 mg/kg
Acute inhalation toxicity:	Remarks: No data available
Acute dermal toxicity:	LD50 dermal (rat): > 2,000 mg/kg

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Acute oral toxicity:	LD50 oral (rat): 64 mg/kg
Acute inhalation toxicity:	LC50 (rat): 0.17 mg/L. Exposure time: 4 h. Test atmosphere: dust/mist
Acute dermal toxicity:	LD50 dermal (rat): 87 mg/kg

b) skin corrosion or irritation;

Inconclusive data for classification.

Not classified on the basis of the available information.

c) serious eye damage or irritation;

Inconclusive data for classification.

Not classified on the basis of the available information.

d) respiratory or skin sensitisation;

Inconclusive data for classification.

Not classified on the basis of the available information.

e) germ cell mutagenicity;

Inconclusive data for classification.

Not classified on the basis of the available information.

f) carcinogenicity;

Inconclusive data for classification.

Not classified on the basis of the available information.

g) reproductive toxicity;

Inconclusive data for classification.

Not classified on the basis of the available information.

h) specific target organ toxicity (STOT) - single exposure;

Inconclusive data for classification.

Not classified on the basis of the available information.

i) specific target organ toxicity (STOT) - repeated exposure;

Inconclusive data for classification.

Not classified on the basis of the available information.

j) aspiration hazard;

Inconclusive data for classification.

Not classified on the basis of the available information.

11.2 Other information on hazards.

Endocrine disrupting properties

Product:

Assessment: The substance/mixture does not contain components having endocrine-disrupting properties in accordance with Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

Other data Product:

Remarks: No data available

12

ECOLOGICAL INFORMATION.

12.1 Toxicity.

Components:

1,2-benzisothiazol-3(2H)-one:

- Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 2.18 mg/L. Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (water flea)): 2.94 mg/L. Exposure time: 48 h
- Toxicity to algae/aquatic plants: EC50 (Pseudokirchneriella subcapitata (green algae)): 0.11 mg/L. Exposure time: 72 h; NOEC (Skeletonema costatum (marine diatom)): 0.027 mg/L. Exposure time: 72 h
- M-factor (acute aquatic toxicity): 1

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

- Toxicity to fish: LC50 (Oncorhynchus mykiss (rainbow trout)): 0.22 mg/L. Exposure time: 96 h
- Toxicity to daphnia and other aquatic invertebrates: EC50 (Daphnia magna (water flea)): 0.1 mg/L. Exposure time: 48 h

- Toxicity to algae/aquatic plants: EC50 (*Pseudokirchneriella subcapitata* (green algae)): 0.048 mg/L. Exposure time: 72 h; NOEC (*Pseudokirchneriella subcapitata* (green algae)): 0.0012 mg/L. Exposure time: 72 h. Method: OECD TG 201
- M-factor (acute aquatic toxicity): 100
- Toxicity to microorganisms: EC10: 7.92 mg/L. Exposure time: 3 h. Method: OECD Test Guideline 209
- Toxicity to fish (chronic toxicity): NOEC: 0.098 mg/L. Exposure time: 28 days. Species: *Oncorhynchus mykiss* (rainbow trout). Method: OECD Test Guideline 210
- Toxicity to daphnia and other aquatic invertebrates (chronic toxicity): NOEC: 0.004 mg/L. Species: *Daphnia magna* (water flea). Method: OECD Test Guideline 211
- M-factor (chronic aquatic toxicity): 100

12.2 Persistence and degradability.

Components:

1,2-benzisothiazol-3(2H)-one:

Biodegradability: Result: Readily biodegradable.

12.3 Bioaccumulative potential.

Components:

1,2-benzisothiazol-3(2H)-one:

Partition coefficient n-octanol/water:	log Pow: 0.7 (20°C)
--	---------------------

Reaction mass of 5-chloro-2-methyl-2H-isothiazol-3-one and 2-methyl-2H-isothiazol-3-one (3:1):

Partition coefficient n-octanol/water: log Pow: -0.71 - 0.75 Method: OECD Test Guideline 107

12.4 Mobility in soil.

No information is available on mobility in soil.

The product must not be allowed to enter sewers or watercourses.

Avoid penetration into the ground.

12.5 Results of PBT and vPvB assessment.

Product:

Assessment: This substance/mixture contains no components considered to be persistent, bioaccumulative and toxic (PBT) or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

12.6 Other adverse effects.

Assessment: The substance/mixture does not contain components having endocrine-disrupting properties in accordance with Article 57(f) of REACH or Commission Delegated Regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

12.7 Other adverse effects

Product:

Additional ecological information: A hazard to the environment cannot be excluded in the event of unprofessional handling or disposal. Harmful to aquatic organisms.

13

DISPOSAL CONSIDERATIONS.

13.1 Waste treatment methods.

Discharge into sewers or watercourses is not permitted. Waste and empty containers must be handled and disposed of in accordance with the local/national legislation in force.

Follow the provisions of Directive 2008/98/EC regarding waste management.

14 TRANSPORT INFORMATION.

Not hazardous for transport. In the event of an accident and spillage of the product, act in accordance with section 6.

14.1 UN number.

Not hazardous for transport. Not classified as a hazardous product.

14.2 UN proper shipping name.

Not hazardous for transport. Not classified as a hazardous product

14.3 Transport hazard class(es).

Not hazardous for transport. Not classified as a hazardous product

14.4 Packing group.

Not hazardous for transport. Not classified as a hazardous product

14.5 Environmental hazards.

Not hazardous for transport. Not classified as a hazardous product

14.6 Special precautions for user.

Not hazardous for transport. Not classified as a hazardous product

14.7 Bulk transport according to Annex II of MARPOL 73/78 and the IBC Code.

Not hazardous for transport. Not classified as a hazardous product

15 REGULATORY INFORMATION.

15.1 Regulations and legislation on safety, health and the environment specific to the substance or mixture

- REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII): The restrictions of the following inputs must be considered: Ammonia at (List number 3)
REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59): Not applicable
REACH - List of substances subject to authorisation (Annex XIV): Not applicable
Regulation (EC) No 1005/2009 on substances that deplete the ozone layer: Not applicable.
- Regulation (EU) 2019/1021 on persistent organic pollutants (consolidated version): Not applicable
Regulation (EU) No 649/2012 of the European Parliament and of the Council concerning the export and import of hazardous chemicals: Not applicable
- Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances: Not applicable.
- The product is not affected by Regulation (EU) No 528/2012 concerning the making available on the market and use of biocidal products.

15.2 Chemical safety assessment.

A chemical safety assessment of the product has not been carried out.

16 OTHER INFORMATION.

Sections modified with respect to the previous version: 9, 12, 16

It is recommended to use the product only for the intended uses.

Full text of H statements

H301: Toxic if swallowed.
H302: Harmful if swallowed.
H310: Fatal in contact with skin.
H314: Causes severe skin burns and eye damage.
H315: Causes skin irritation.
H317: May cause an allergic skin reaction.
H318: Causes serious eye damage.
H330: Fatal if inhaled.
H400: Very toxic to aquatic life.
H410: Very toxic to aquatic life with long lasting effects.
H411: Toxic to aquatic life with long lasting effects.
EUH071: Corrosive to the respiratory tract.

Full text of other abbreviations

Acute Tox.: Acute toxicity;
Aquatic Acute: Short-term (acute) aquatic hazard;
Aquatic Chronic: Long-term (chronic) aquatic hazard;
Eye Dam.: Serious eye damage; Skin Corr.: Skin corrosion;
Skin Irrit.: Skin irritation;
Skin Sens.: Skin sensitisation;

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways; ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road;
 AIIIC - Australian Inventory of Industrial Chemicals;
 ASTM - American Society for Testing and Materials; bw - body weight;
 CLP - Regulation on classification, labelling and packaging; Regulation (EC) No 1272/2008;
 CMR - Carcinogenic, mutagenic or toxic for reproduction;
 DIN - German Institute for Standardisation standard;
 DSL - Domestic Substances List (Canada);
 ECHA - European Chemicals Agency;
 EC number - European Community number;
 ECx - Concentration associated with x% response;
 ELx - Loading rate associated with x% response;
 EmS - Emergency Schedule;
 ENCS - Existing and New Chemical Substances (Japan);
 ErCx: Concentration associated with x% growth rate response;
 GHS - Globally Harmonised System;
 GLP - Good Laboratory Practice;
 IARC - International Agency for Research on Cancer;
 IATA - International Air Transport Association;
 IBC - International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk;
 IC50 - Median inhibitory concentration;
 ICAO - International Civil Aviation Organization;
 IECSC - Inventory of Existing Chemical Substances in China;
 IMDG - International Maritime Dangerous Goods Code;
 IMO - International Maritime Organization;
 ISHL - Industrial Safety and Health Law (Japan);
 ISO - International Organization for Standardization;
 KECI - Korea Existing Chemicals Inventory;
 LC50 - Lethal concentration for 50% of a test population;
 LD50 - Lethal dose for 50% of a test population (median lethal dose);
 MARPOL - International Convention for the Prevention of Pollution from Ships;
 N.O.S.: Not otherwise specified; NO(A)EC No observed (adverse) effect concentration;
 NO(A)EL - No observed (adverse) effect level;
 NOELR - No observed effect loading rate;
 NZIoC - New Zealand Inventory of Chemicals;
 OECD - Organisation for Economic Co-operation and Development;
 OPPTS - Office of Chemical Safety and Pollution Prevention;

PBT - Persistent, bioaccumulative and toxic substance;
 PICCS - Philippines Inventory of Chemicals and Chemical Substances;
 (Q)SAR: (Quantitative) structure-activity relationship;
 REACH - Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of chemicals;
 RID - Regulations concerning the International Carriage of Dangerous Goods by Rail;
 SADT - Self-accelerating decomposition temperature;
 SDS - Safety data sheet; SVHC - Substance of very high concern;
 TCSI - Taiwan Chemical Substance Inventory;
 TRGS - Technical Rules for Hazardous Substances;
 TSCA - Toxic Substances Control Act (United States);
 UN - United Nations;

vPvB - Very persistent and very bioaccumulative

Other data

The information provided in this Safety Data Sheet is the most accurate available to us at the date of its publication. The information provided is intended only as a guide for safe handling, use, processing, storage, transport, disposal and release, and should not be considered a warranty or quality specification. The information relates only to the specified material and may not be valid for such material used in combination with other materials or in any process, unless indicated in the text.

Other phrases:

Safety data sheet available to the professional user on request.

Abbreviations and acronyms used:

CEN: European Committee for Standardization.

PPE: Personal protective equipment.

Key literature references and data sources:

<http://eur-lex.europa.eu/homepage.html>

<http://echa.europa.eu/>

Regulation (EU) 2020/878.

Regulation (EU) 2015/830.

Regulation (EC) No 1907/2006.

Regulation (EC) No 1272/2008.

The information provided in this Safety Data Sheet has been drawn up in accordance with COMMISSION REGULATION (EU) 2020/878 of 18 June 2020 amending COMMISSION REGULATION (EU) 2015/830 of 28 May 2015 and Regulation (EC) No 1907/2006 of the European Parliament and of the Council concerning the registration, evaluation, authorisation and restriction of chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC.

The information in this Product Safety Data Sheet is based on current knowledge and on the laws in force of the EC and of the Member States, insofar as the working conditions of users are beyond our knowledge and control. The product must not be used for purposes other than those specified, without first obtaining written instructions for its handling. It is always the responsibility of the user to take the appropriate measures in order to comply with the requirements established in legislation.