



Material Safety Data Sheet

SenGuard®

1. PRODUCT AND COMPANY IDENTIFICATION

Trade Name:	SenGuard
Product use:	Stain protection for natural stone
Manufacturer:	Quimigama S.L Pol. Ind. La Polvorista, C/ Calasparra, Naves 11-13 30500 Molina del Segura (Murcia) SPAIN C.I.F: Phone: +34 968 64 37 62 Fax: +34 968 64 36 86
Supplier:	Cosentino S.A Ctra. A-334, km 59 30500 Cantoria (Almería) SPAIN C.I.F: Telephone: +34 950 44 41 75 Fax: +34 950 44 42 26 www.cosentinogroup.net
Emergency contact:	
Medical Toxicology Information Service (Spain)	+34 91 562 04 20

2. HAZARDS IDENTIFICATION

Irritating (Xi) and flammable (F) product



3. COMPOSITION AND INFORMATION ON INGREDIENTS

<u>Component/Name</u>	<u>Wt %</u>	<u>CAS RN</u>	<u>Classification</u>
Silane	30 - 60	Trade secret	Xi, R38, S-23-37-51
Alcohol	30 - 60		F, Xi, R11-36-67, S2-9-16-26-39-24/25
n-butyl acetate	5 - 20	123-86-4	F, Xi, R10-66-67, S2-25

Additional information: For the wording of the listed risks phrases refer to section 16

4. FIRST-AIDS MEASURES

The following first aid recommendations are based on an assumption that appropriate personal and industrial hygiene practices are followed:

4.1 Inhalation: Move affected person to breathe clean air and apply artificial respiration if necessary. Keep at rest and alert a doctor.

4.2 Skin contact: Remove contaminated clothing promptly and wash thoroughly with soap and water.

4.3 Eye contact: Wash immediately with plenty of water for 15 minutes with their eyes open and seek a doctor.

4.4 Ingestion: Rinse mouth with water. If conscious give water to drink. seek medical advice immediately and show this container or label.

5. FIRE FIGHTING MEASURES

5.1. General Fire Hazards: Liquid and vapor are highly flammable. Severe fire hazard when exposed to heat, flame and/or oxidizers. Vapor may travel a considerable distance to source of ignition. Heating may cause expansion or decomposition leading to violent rupture of containers. Dry chemical, halons, foam, carbon dioxide (CO₂) DO NOT USE WATER JET.

5.2. Suitable extinguishing means: Dry chemical, halons, foam, carbon dioxide (CO₂) DO NOT USE WATER JET.

5.3. Hazardous combustion products: Depending on the temperature of combustion may form toxic gases.

5.4. Protective equipment for firefighting personnel: In case of fire, wear a mask or whole breathing apparatus. Closed containers exposed to fire may explode.

5.5. Fire Incompatibility: Avoid contamination with oxidizing agents i.e. nitrates, oxidizing acids, chlorine bleaches, pool chlorine etc. as ignition may result.

6. ACCIDENTAL SPILL MEASURES

Avoid contact with the product.

Put away from sources of ignition.

Small quantities: Collect with absorbent material and dispose of. Prevent the product reaches the sewers.

Avoid filtering in the ground and discharge on waterways.

7. HANDLING AND STORAGE

7.1. Handling: Wear gloves and protective clothing for handling. Handle the product in ventilated areas, or with forced ventilation, separate from sources of heat and oxidative products.

7.2. Storage: Keep away from sources of ignition, hot surfaces, sparks or flames. Store in cool place in tightly closed container.

8. EXPOSITION CONTROLS AND PERSONAL PROTECTION

Take the usual precautions in handling chemicals products. Keep away from food and drinks.

8.1 Respiratory protection: Use protective mask for organic products.

8.2 Protection of skin: Wear gloves for handling.

8.3 Eye Protection: Wear goggles.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Density (kg/l): 0.850 +/- 0.010

Colour: slightly yellowish clear liquid

Solubility in water: No

Solubility in organic solvents: Yes

Flammable: Yes

VOC content: < 615 g/litre

10. CHEMICAL STABILITY AND REACTIVITY

10.1 Stability: Higher stability in twelve months under normal storage conditions.

10.2 Reactivity

High temperature produces decomposition giving acetic acid and ethylene.

Slightly hydrolyzed with water giving acetic acid and ethylic alcohol.R

Reacts violently with oxidizing materials and ammonia.

11. TOXICOLOGICAL INFORMATION

Medical Toxicology Information Service (Spain): +34 91 562 04 20

11.1 Ingestion: May be harmful if swallowed.

11.2 Eyes contact: Irritating to eyes.

11.3 Contact with skin: dry the skin. May be irritating.

11.4 Inhalation: May be irritating to the respiratory system. Overexposure may cause dizziness, headache and central nervous system depression.

12. ECOLOGICAL INFORMATION

The excess material should not be dumped into the environment.

13. DISPOSAL CONSIDERATIONS

Must be treated in accordance with official regulations.

14. TRANSPORT INFORMATION

Land transport (ADR/RID) (cross-border)

ADR/RID Class:	3 (F1) Flammable liquids
UN/ID Number:	UN 1993
Danger code (kemler)	33
Packaging group	III
Hazard level	3
Description of goods:	FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL)

Maritime transport IMDG

IMDG Class:	3
UN/ID Number:	UN 1993
Label	3
Packaging group	III
EMS Number	F-E, S-E
Marine pollutant	No
Proper shipping name	FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL)

Air transport ICAO-TI and IATA-DGR

ICAO/IATA Class:	3
UN/ID Number:	1993
Label	3
Packaging group	III
Proper shipping name	FLAMMABLE LIQUID, N.O.S. (CONTAINS ETHANOL)

15. REGULATORY INFORMATION

Labelling according to EU guidelines:

The product has been classified and marked in accordance with EU Directives/Ordinance on Hazardous Materials.

Code letter and hazard designation of product:

Xn Harmful
F Highly flammable



Risk phrases:

R-10 Flammable.
R-38 Irritating to skin.
R-41 Risk of serious damage to eyes.
R-67 Vapors may cause drowsiness and dizziness

Safety phrases:

S-2 Keep out of reach of children.
S-16 Keep away from flame or sources of ignition-No smoking.
S-23 Do not breathe vapors.
S-24 Avoid contact with skin
S-26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S-37 Wear suitable gloves.
S-39 Wear eyes / face protection.
S-51 Use only in a well ventilated area.

16. OTHER INFORMATION

Meanings of the risk phrases and safety advice, mentioned in section 3:

R10 Flammable.

R11 Highly flammable

R36 Irritating to eyes.

R37 Irritating to respiratory system

R38 Irritating to skin.

R41 Risk of serious damage to eyes

R66 Repeated exposure may cause skin dryness or cracking skin.

R67 Vapours may cause drowsiness and dizziness.

R52/53 Harmful to aquatic organism, may cause long-term adverse effects in the aquatic environment

S2 Keep out of reach of children.

S9 Keep container in a well-ventilated place

S16 Keep away from flame or sources of ignition-No smoking

S24 Avoid contact with skin.

S25 Avoid contact with eyes.

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S37 Wear suitable gloves.

S39 Wear eyes / face protection.

S43 In case of fire, use dry chemical, halons, foam, carbon dioxide (CO₂). Do not use water jet

S51 Use only in a well ventilated area.

S60 This material and/or its container must be disposed of as hazardous waste.

S61 Avoid release to the environment. Refer to special instructions/Safety data sheets

The information provided in this document was compiled based on the best available sources and our current state of knowledge, in accordance with current requirements on information packaging and labeling of hazardous chemicals products.

The compliance with the instructions contained herein does not relieve the user of the product for compliance with regulations on safety and health and the environment that is your sole responsibility. This does not imply that the information is complete in all cases. It is your responsibility to decide whether this safety data sheet is satisfied, on the application of information and recommendations given for their own use.