



**Safety Data Sheet dated 7/2/2023, version 11**

---

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

1.1. Product identifier

Mixture identification:

Trade name: SIGILLANTE VERDE

Trade code: 0090

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

Recommended use:

Anaerobic sealing adhesive

Uses advised against:

No-one in particular.

1.3. Details of the supplier of the safety data sheet

Supplier:

Arexons S.p.A.

via Antica di Cassano, 23, 20063

Cernusco sul Naviglio (MI), Italy

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

Competent person responsible for the safety data sheet:

arexons@arexons.it

1.4. Emergency telephone number

Arexons S.p.A.

Tel. +39 (0)2/924361 - Fax +39 (0)2/92436306

In England and Wales: NHS 111 - dial 111

In Scotland: NHS 24 - dial 111

In Ireland: Beaumont Hospital - National Poisons Information Centre 01 809 2166 (7days, 8:00 - 22:00)

In South Africa: Poison Information Helpline 0861 555 777

In Malta: emergency number 112

---

**SECTION 2: Hazards identification**

2.1. Classification of the substance or mixture

EC regulation criteria 1272/2008 (CLP):

⚠ Warning, Eye Irrit. 2, Causes serious eye irritation.

⚠ Warning, Skin Sens. 1, May cause an allergic skin reaction.

⚠ Warning, STOT SE 3, May cause respiratory irritation.

Adverse physicochemical, human health and environmental effects:

No other hazards

2.2. Label elements

Hazard pictograms:



Warning

Hazard statements:

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

Precautionary statements:

P101 If medical advice is needed, have product container or label at hand.

## Safety Data Sheet

### SIGILLANTE VERDE



P102 Keep out of reach of children.  
P103 Read carefully and follow all instructions.  
P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/clothing and eye/face protection.  
P302+P352 IF ON SKIN: Wash with plenty of soap and 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.  
P333+P313 If skin irritation or rash occurs: Get medical advice/attention.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with applicable regulations.

#### Special Provisions:

EUH208 Contains 2-HYDROXYETHYL METHACRYLATE. May produce an allergic reaction.

#### Contains

HYDROXYPROPYL METHACRYLATE

Tetradecyl methacrylate

dodecyl methacrylate

alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide

Special provisions according to Annex XVII of REACH and subsequent amendments:

None

#### 2.3. Other hazards

No PBT, vPvB or endocrine disruptor substances present in concentration  $\geq 0.1\%$

#### Other Hazards:

No other hazards

---

### SECTION 3: Composition/information on ingredients

#### 3.1. Substances

N.A.

#### 3.2. Mixtures

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

$\geq 25\%$  -  $< 30\%$  dodecyl methacrylate

REACH No.: 01-2119489778-11, CAS: 142-90-5, EC: 205-570-6

⚠ 3.8/3 STOT SE 3 H335

Specific Concentration Limits:

C  $\geq 10\%$ : STOT SE 3 H335

$\geq 7\%$  -  $< 10\%$  HYDROXYPROPYL METHACRYLATE

REACH No.: 01-2119490226-37, CAS: 27813-02-1, EC: 248-666-3

⚠ 3.4.2/1 Skin Sens. 1 H317

⚠ 3.3/2 Eye Irrit. 2 H319

$\geq 3\%$  -  $< 5\%$  Tetradecyl methacrylate

REACH No.: 01-2119489775-17, CAS: 2549-53-3, EC: 219-835-9

⚠ 3.3/2 Eye Irrit. 2 H319

⚠ 3.2/2 Skin Irrit. 2 H315

⚠ 3.8/3 STOT SE 3 H335

$\geq 1\%$  -  $< 2\%$  alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide

REACH No.: 01-2119475796-19, Index number: 617-002-00-8, CAS: 80-15-9, EC: 201-254-7

⚠ 2.8/E Self-react. E H242

⚠ 3.1/4/Oral Acute Tox. 4 H302

# Safety Data Sheet

## SIGILLANTE VERDE



- ⚠ 3.1/4/Dermal Acute Tox. 4 H312
- ⚠ 3.1/3/Inhal Acute Tox. 3 H331
- ⚠ 3.2/1B Skin Corr. 1B H314
- ⚠ 3.3/1 Eye Dam. 1 H318
- ⚠ 3.8/3 STOT SE 3 H335
- ⚠ 3.9/2 STOT RE 2 H373
- ⚠ 4.1/C2 Aquatic Chronic 2 H411

### Specific Concentration Limits:

- 1% ≤ C < 3%: Eye Irrit. 2 H319
- 0% ≤ C < 10%: STOT SE 3 H335
- 3% ≤ C < 10%: Skin Irrit. 2 H315
- 3% ≤ C < 10%: Eye Dam. 1 H318
- C ≥ 10%: Skin Corr. 1B H314

### >= 0.5% - < 1% 2-HYDROXYETHYL METHACRYLATE

REACH No.: 01-2119490169-29, CAS: 868-77-9, EC: 212-782-2

- ⚠ 3.2/2 Skin Irrit. 2 H315
- ⚠ 3.3/2 Eye Irrit. 2 H319
- ⚠ 3.4.2/1 Skin Sens. 1 H317

### >= 0.5% - < 1% ethanediol

REACH No.: 01-2119456816-28, CAS: 107-21-1, EC: 203-473-3

- ⚠ 3.1/4/Oral Acute Tox. 4 H302
- ⚠ 3.9/2 STOT RE 2 H373

### >= 0.05% - < 0.1% cumene

REACH No.: 01-2119473983-24, Index number: 601-024-00-X, CAS: 98-82-8, EC: 202-704-5

- ⚠ 2.6/3 Flam. Liq. 3 H226
- ⚠ 3.6/1B Carc. 1B H350
- ⚠ 3.8/3 STOT SE 3 H335
- ⚠ 3.10/1 Asp. Tox. 1 H304
- ⚠ 4.1/C2 Aquatic Chronic 2 H411

---

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

#### In case of skin contact:

- Immediately take off all contaminated clothing.
- Remove contaminated clothing immediately and dispose off safely.
- After contact with skin, wash immediately with soap and plenty of water.

#### In case of eyes contact:

- After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.
- Protect uninjured eye.

#### In case of Ingestion:

- Do not under any circumstances induce vomiting. OBTAIN A MEDICAL EXAMINATION IMMEDIATELY.

#### In case of Inhalation:

- In case of inhalation, consult a doctor immediately and show him packing or label.

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

- In case of inhalation: move the patient to a well-ventilated area and keep at rest.
- In case of ingestion: rinse mouth thoroughly with water. Ensure the person drinks plenty of water.

## Safety Data Sheet

### SIGILLANTE VERDE



Do not induce vomiting. Contact a physician.

In case of contact with skin: wash with soap and water and rinse with plenty of water.

In case of contact with eyes: rinse with plenty of running water. Contact a physician if the irritation persists.

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

In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

Treatment:

Treat symptomatically.

---

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Appropriate Extinguishing Media:

Foam

To carbon dioxide.

To dust.

Not Recommended Extinguishing Media:

To water.

#### 5.2. Special hazards arising from the substance or mixture

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.

---

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Wear personal protection equipment.

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

Provide adequate ventilation.

Use appropriate respiratory protection.

See protective measures under point 7 and 8.

#### 6.2. Environmental precautions

Do not allow to enter into 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. Methods and material for containment and cleaning up

Wash with plenty of water.

#### 6.4. Reference to other sections

See also section 8 and 13

---

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Avoid contact with skin and eyes, inhalation of vapours and mists.

Use localized ventilation system.

Don't use empty container before they have been cleaned.

Before making transfer operations, assure that there aren't any incompatible material residuals in the containers.

See also section 8 for recommended protective equipment.

Advice on general occupational hygiene:

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.



- 7.2. Conditions for safe storage, including any incompatibilities  
Store in well-closed containers, preferably in a cool place, away from sources of heat and direct sunlight.
- Keep away from food, drink and feed.  
None in particular.  
Instructions as regards storage premises:  
Adequately ventilated premises.
- 7.3. Specific end use(s)  
Non deve essere utilizzato in giunzioni a contatto con ossigeno puro o vapore.

---

## **SECTION 8: Exposure controls/personal protection**

- 8.1. Control parameters
- ethanediol - CAS: 107-21-1
    - 20101.13 - TWA(8h): 52 mg/m<sup>3</sup>, 20 ppm - STEL(): 104 mg/m<sup>3</sup>, 40 ppm
    - EU - TWA(8h): 52 mg/m<sup>3</sup>, 20 ppm - STEL: 104 mg/m<sup>3</sup>, 40 ppm - Notes: Skin
    - ACGIH - TWA(8h): 25 ppm - STEL: 50 ppm - Notes: (V), A4 - URT irr
    - ACGIH - STEL: 10 mg/m<sup>3</sup> - Notes: (I, H), A4 - URT irr
  - cumene - CAS: 98-82-8
    - EU - TWA(8h): 50 mg/m<sup>3</sup>, 10 ppm - STEL: 250 mg/m<sup>3</sup>, 50 ppm - Notes: Skin
    - ACGIH - TWA(8h): 50 ppm - Notes: Eye, skin, and URT irr, CNS impair
- DNEL Exposure Limit Values
- dodecyl methacrylate - CAS: 142-90-5
    - Worker Professional: 41.66 mg/kg - Consumer: 25 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
  - HYDROXYPROPYL METHACRYLATE - CAS: 27813-02-1
    - Worker Industry: 14.7 mg/m<sup>3</sup> - Worker Professional: 14.7 mg/m<sup>3</sup> - Consumer: 8.8 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
    - Worker Industry: 4.2 mg/kg - Worker Professional: 4.2 mg/kg - Consumer: 2.5 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
    - Consumer: 2.5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
  - Tetradecyl methacrylate - CAS: 2549-53-3
    - Worker Professional: 41.66 mg/kg - Consumer: 25 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
  - alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide - CAS: 80-15-9
    - Worker Professional: 6 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
  - 2-HYDROXYETHYL METHACRYLATE - CAS: 868-77-9
    - Worker Professional: 4.9 mg/m<sup>3</sup> - Consumer: 2.9 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
    - Worker Professional: 1.3 mg/kg - Consumer: 0.830 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
    - Consumer: 0.830 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects
  - ethanediol - CAS: 107-21-1
    - Worker Professional: 35 mg/m<sup>3</sup> - Consumer: 7 mg/m<sup>3</sup> - Exposure: Human Inhalation - Frequency: Long Term, systemic effects
    - Worker Professional: 106 mg/kg - Consumer: 53 mg/kg - Exposure: Human Dermal - Frequency: Long Term, systemic effects
- PNEC Exposure Limit Values
- dodecyl methacrylate - CAS: 142-90-5
    - Target: Fresh Water - Value: 0.0031 mg/l
    - Target: Marine water - Value: 0.00031 mg/l
    - Target: Freshwater sediments - Value: 0.023 mg/kg
    - Target: Marine water sediments - Value: 0.0023 mg/kg
    - Target: 09 - Value: 0.35 mg/l

**Safety Data Sheet**  
**SIGILLANTE VERDE**



HYDROXYPROPYL METHACRYLATE - CAS: 27813-02-1  
 Target: Marine water - Value: 0.904 03  
 Target: Fresh Water - Value: 0.904 03  
 Target: 09 - Value: 10 mg/l  
 Target: Freshwater sediments - Value: 6.28 mg/kg  
 Target: Marine water sediments - Value: 6.28 mg/kg  
 alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide - CAS: 80-15-9  
 Target: Fresh Water - Value: 0.0031 mg/l  
 Target: Marine water - Value: 0.00031 mg/l  
 Target: Freshwater sediments - Value: 0.23 mg/kg  
 Target: Marine water sediments - Value: 0.023 mg/kg  
 Target: 09 - Value: 0.350 mg/l  
 2-HYDROXYETHYL METHACRYLATE - CAS: 868-77-9  
 Target: Fresh Water - Value: 0.482 mg/l  
 Target: Marine water sediments - Value: 0.482 mg/l  
 Target: 09 - Value: 10 mg/l  
 Target: Freshwater sediments - Value: 3.79 mg/kg  
 Target: Marine water sediments - Value: 3.79 mg/kg  
 ethanediol - CAS: 107-21-1  
 Target: Fresh Water - Value: 10 mg/l  
 Target: Marine water - Value: 1 mg/l  
 Target: Freshwater sediments - Value: 37 mg/kg  
 Target: Marine water sediments - Value: 3.7 mg/kg  
 Target: 09 - Value: 199.5 mg/l

8.2. Exposure controls

Eye protection:

Safety goggles.  
 Face protection shield.  
 Compliant with EN 166

Protection for skin:

Chemical protection clothing.

Protection for hands:

Suitable gloves type:  
 Nitrile or Viton gloves.  
 Compliant with EN 374.

Respiratory protection:

Not required under normal conditions of use.  
 In case of insufficient ventilation, use adequate respiratory protection equipment.  
 Filter for organic vapours. Type A. (EN14387)

Thermal Hazards:

None

Environmental exposure controls:

None

Appropriate engineering controls:

The normal (mechanical) ventilation of the room should be sufficient for work not extended with the product. For more extensive activities with it (or if necessary to ensure the well-being of the worker), a local mechanical air extractor should be provided.

**SECTION 9: Physical and chemical properties**

9.1. Information on basic physical and chemical properties

Properties	Value	Method:	Notes:
Physical state:	Liquid	--	--
Colour:	Green	--	--

**Safety Data Sheet**  
**SIGILLANTE VERDE**



Odour:	Characteristic	--	--
Melting point/freezing point:	N.A.	--	--
Boiling point or initial boiling point and boiling range:	N.A.	--	--
Flammability:	N.A.	--	--
Lower and upper explosion limit:	N.A.	--	--
Flash point:	>100°C	--	--
Auto-ignition temperature:	N.A.	--	--
Decomposition temperature:	N.A.	--	--
pH:	Not Relevant	--	--
Kinematic viscosity:	N.A.	--	--
Solubility in water:	leggermente Solubile in acqua	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient n-octanol/water (log value):	N.A.	--	--
Vapour pressure:	N.A.	--	--
Density and/or relative density:	1.1	--	--
Relative vapour density:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

9.2. Other information

Properties	Value	Method:	Notes:
Viscosity:	50000 mPas @25°C	--	--

**SECTION 10: Stability and reactivity**

10.1. Reactivity

Strong oxidising agents.

10.2. Chemical stability

0090/11

Page n. 7 of 14



## Safety Data Sheet

### SIGILLANTE VERDE



Stable at normal ambient temperatures and when used as recommended.

#### 10.3. Possibility of hazardous reactions

None

#### 10.4. Conditions to avoid

Avoid lack of air and contamination with metals.

#### 10.5. Incompatible materials

Metals and their salts.

Free radical initiators.

#### 10.6. Hazardous decomposition products

Thermal decomposition may result in carbon monoxide, carbon dioxide and other unidentified organic compounds.

---

## SECTION 11: Toxicological information

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

Toxicological information of the product:

SIGILLANTE VERDE

#### a) acute toxicity

Not classified

Based on available data, the classification criteria are not met

Test: oecd 10 - Route: Inhalation > 5 mg/l

Test: oecd 10 - Route: Oral > 2000 mg/kg

Test: oecd 10 - Route: Skin > 2000 mg/kg

#### b) skin corrosion/irritation

Not classified

Based on available data, the classification criteria are not met

#### c) serious eye damage/irritation

The product is classified: Eye Irrit. 2 H319

Test: Eye Irritant Positive

#### d) respiratory or skin sensitisation

The product is classified: Skin Sens. 1 H317

Test: Inhalation Sensitization Negative - Based on available data, the classification criteria are not met

Test: Skin Sensitization Positive

#### e) germ cell mutagenicity

Not classified

Based on available data, the classification criteria are not met

#### f) carcinogenicity

Not classified

Based on available data, the classification criteria are not met

#### g) reproductive toxicity

Not classified

Based on available data, the classification criteria are not met

#### h) STOT-single exposure

The product is classified: STOT SE 3 H335

Test: Respiratory Tract Irritant - Route: Inhalation Positive

#### i) STOT-repeated exposure

Not classified

Based on available data, the classification criteria are not met

#### j) aspiration hazard

Not classified

Based on available data, the classification criteria are not met

Toxicological information of the main substances found in the product:

dodecyl methacrylate - CAS: 142-90-5

#### a) acute toxicity:

Test: LD50 - Route: Oral > 5000 mg/kg



## Safety Data Sheet

### SIGILLANTE VERDE



- Test: LD50 - Route: Skin > 3000 mg/kg  
HYDROXYPROPYL METHACRYLATE - CAS: 27813-02-1
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 2000.1 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 5000 mg/kg
- i) STOT-repeated exposure:  
Test: NOAEL - Route: Oral - Species: Rat 300 mg/kg  
Test: NOAEL - Route: Oral - Species: Rat 1000 mg/kg
- Tetradecyl methacrylate - CAS: 2549-53-3
- a) acute toxicity:  
Test: LD50 - Route: Oral > 17500 mg/kg
- alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide - CAS: 80-15-9
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 382 mg/kg  
Test: LD50 - Route: Skin - Species: Rat 1400 mg/kg  
Test: LC50 - Route: Inhalation - Species: Rat 1.37 mg/l - Duration: 4h
- 2-HYDROXYETHYL METHACRYLATE - CAS: 868-77-9
- a) acute toxicity:  
Test: LD50 - Route: Oral - Species: Rat 5000 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit 5000 mg/kg
- b) skin corrosion/irritation:  
Test: Skin Irritant Negative
- e) germ cell mutagenicity:  
Test: Genotoxicity - Species: vitro Negative
- g) reproductive toxicity:  
Test: NOAEL - Route: Oral - Species: Rat > 1000 mg/kg
- ethanediol - CAS: 107-21-1
- a) acute toxicity:  
Test: LD50 - Route: Skin - Species: Rabbit 9530 mg/kg  
Test: LD50 - Route: EYE - Species: Rat > 2000 mg/kg
- cumene - CAS: 98-82-8
- a) acute toxicity:  
Test: LC50 - Route: Inhalation - Species: Rat > 17.6 mg/l - Duration: 6h  
Test: LD50 - Route: Oral - Species: Rat 1400 mg/kg  
Test: LD50 - Route: Skin - Species: Rabbit > 3160 mg/kg

#### 11.2. Information on other hazards

Endocrine disrupting properties:

No endocrine disruptor substances present in concentration  $\geq 0.1\%$

---

## SECTION 12: Ecological information

### 12.1. Toxicity

Adopt good working practices, so that the product is not released into the environment.

dodecyl methacrylate - CAS: 142-90-5

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish > 10000 mg/l - Duration h: 96

HYDROXYPROPYL METHACRYLATE - CAS: 27813-02-1

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish 493 mg/l - Duration h: 48

Endpoint: EC50 - Species: Daphnia 380 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae > 97.2 mg/l - Duration h: 72

Endpoint: NOEC - Species: Algae 97.2 mg/l - Duration h: 72

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Daphnia 24.1 mg/l - Duration h: 504

Tetradecyl methacrylate - CAS: 2549-53-3

a) Aquatic acute toxicity:

## Safety Data Sheet

### SIGILLANTE VERDE



- Endpoint: LC50 - Species: Fish > 10000 mg/l - Duration h: 96  
alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide - CAS: 80-15-9
- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish 3.9 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia 18.84 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae 3.1 mg/l - Duration h: 72
- b) Aquatic chronic toxicity:  
Endpoint: NOEC - Species: Daphnia 9.15 mg/l  
Endpoint: NOEC - Species: Algae 1 mg/l
- 2-HYDROXYETHYL METHACRYLATE - CAS: 868-77-9
- a) Aquatic acute toxicity:  
Endpoint: LC50 - Species: Fish > 100 mg/l - Duration h: 96  
Endpoint: EC50 - Species: Daphnia 380 mg/l - Duration h: 48  
Endpoint: EC50 - Species: Algae 836 mg/l - Duration h: 72  
Endpoint: NOEC - Species: Algae 400 mg/l - Duration h: 72  
Endpoint: NOEC - Species: Daphnia 24.1 mg/l - Duration h: 504
- c) Bacteria toxicity:  
Endpoint: EC50 - Species: fanghi > 3000 mg/l - Duration h: 16
- 12.2. Persistence and degradability  
None  
HYDROXYPROPYL METHACRYLATE - CAS: 27813-02-1  
Biodegradability: 4 - Duration: 28gg - %: 94.2  
alfa, alfa-dimethylbenzyl hydroperoxide; cumene hydroperoxide - CAS: 80-15-9  
Biodegradability: 4  
2-HYDROXYETHYL METHACRYLATE - CAS: 868-77-9  
Biodegradability: 4 - Duration: 28gg - %: 84  
cumene - CAS: 98-82-8  
Biodegradability: Readily biodegradable - Duration: 20dd - %: 70
- 12.3. Bioaccumulative potential  
HYDROXYPROPYL METHACRYLATE - CAS: 27813-02-1  
Test: BCF - Bioconcentration factor 1.34-1.54  
2-HYDROXYETHYL METHACRYLATE - CAS: 868-77-9  
Bioaccumulation: Bioaccumulative - Test: BCF - Bioconcentration factor 1.34-1.54  
cumene - CAS: 98-82-8  
Test: log Pow 3.55  
Test: BCF - Bioconcentration factor 35.48
- 12.4. Mobility in soil  
N.A.
- 12.5. Results of PBT and vPvB assessment  
vPvB Substances: None - PBT Substances: None
- 12.6. Endocrine disrupting properties  
No endocrine disruptor substances present in concentration  $\geq 0.1\%$
- 12.7. Other adverse effects  
None

---

### SECTION 13: Disposal considerations

- 13.1. Waste treatment methods  
Recover if possible. In so doing, comply with the local and national regulations currently in force.  
Additional disposal information:  
CER 08 04 09 adhesives or sealants containing organic solvents or other dangerous substances.

---

### SECTION 14: Transport information

## Safety Data Sheet

### SIGILLANTE VERDE



#### 14.1. UN number or ID number

Not classified as dangerous in the meaning of transport regulations.

#### 14.2. UN proper shipping name

N.A.

#### 14.3. Transport hazard class(es)

N.A.

#### 14.4. Packing group

N.A.

#### 14.5. Environmental hazards

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

#### 14.6. Special precautions for user

N.A.

#### 14.7. Maritime transport in bulk according to IMO instruments

N.A.

---

### SECTION 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) n. 2020/878

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)

Regulation (EU) n. 2020/217 (ATP 14 CLP)

Regulation (EU) n. 2020/1182 (ATP 15 CLP)

Regulation (EU) n. 2021/643 (ATP 16 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:

Restriction 40

Restriction 75

Pronto all'Uso

Volatile Organic compounds - VOCs = 2.59 %

Volatile Organic compounds - VOCs = 25.90 g/Kg

Volatile CMR substances = 0.00 %

Halogenated VOCs which are assigned the risk phrase R40 = 0.00 %

Organic Carbon - C = 1.52

Where applicable, refer to the following regulatory provisions :

Directive 2012/18/EU (Seveso III)

# Safety Data Sheet

## SIGILLANTE VERDE



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 assessment  
No Chemical Safety Assessment has been carried out for the mixture.  
Substances for which a Chemical Safety Assessment has been carried out:  
None

### SECTION 16: Other information

Text of phrases referred to under heading 3:

H335 May cause respiratory irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H315 Causes skin irritation.  
H242 Heating may cause a fire.  
H302 Harmful if swallowed.  
H312 Harmful in contact with skin.  
H331 Toxic if inhaled.  
H314 Causes severe skin burns and eye damage.  
H318 Causes serious eye damage.  
H373 May cause damage to organs through prolonged or repeated exposure.  
H411 Toxic to aquatic life with long lasting effects.  
H226 Flammable liquid and vapour.  
H350 May cause cancer.  
H304 May be fatal if swallowed and enters airways.

Hazard class and hazard category	Code	Description
Flam. Liq. 3	2.6/3	Flammable liquid, Category 3
Self-react. E	2.8/E	Self-reactive substance or mixture, Type E
Acute Tox. 3	3.1/3/Inhal	Acute toxicity (inhalation), Category 3
Acute Tox. 4	3.1/4/Dermal	Acute toxicity (dermal), Category 4
Acute Tox. 4	3.1/4/Oral	Acute toxicity (oral), Category 4
Asp. Tox. 1	3.10/1	Aspiration hazard, Category 1
Skin Corr. 1B	3.2/1B	Skin corrosion, Category 1B
Skin Irrit. 2	3.2/2	Skin irritation, Category 2
Eye Dam. 1	3.3/1	Serious eye damage, Category 1
Eye Irrit. 2	3.3/2	Eye irritation, Category 2
Skin Sens. 1	3.4.2/1	Skin Sensitisation, Category 1
Carc. 1B	3.6/1B	Carcinogenicity, Category 1B

## Safety Data Sheet SIGILLANTE VERDE



STOT SE 3	3.8/3	Specific target organ toxicity - single exposure, Category 3
STOT RE 2	3.9/2	Specific target organ toxicity - repeated exposure, Category 2
Aquatic Chronic 2	4.1/C2	Chronic (long term) aquatic hazard, category 2

Paragraphs modified from the previous revision:

### SECTION 9: Physical and chemical properties

Classification and procedure used to derive the classification for mixtures according to Regulation (EC) 1272/2008 [CLP]:

Classification according to Regulation (EC) Nr. 1272/2008	Classification procedure
Eye Irrit. 2, H319	Calculation method
Skin Sens. 1, H317	Calculation method
STOT SE 3, H335	Calculation method

This document was prepared by a competent person who has received appropriate training.

Main bibliographic sources:

ECDIN - Environmental Chemicals Data and Information Network - Joint Research Centre, Commission of the European Communities  
SAX's DANGEROUS PROPERTIES OF INDUSTRIAL MATERIALS - Eight Edition - Van Nostrand Reinold

The information contained herein is based on our state of knowledge at the above-specified date. It refers solely to the product indicated and constitutes no guarantee of particular quality.

It is the duty of the user to ensure that this information is appropriate and complete with respect to the specific use intended.

This MSDS cancels and replaces any preceding release.

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.

## Safety Data Sheet

### SIGILLANTE VERDE



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.
NA:	Not applicable
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.