

# Safety Data Sheet

## SOCOCEL PART C - P14171

Safety Data Sheet date: 30/3/2023, version 1

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### 1. Identification

#### GHS Product Identifier

Mixture identification:

Trade name: SOCOCEL PART C

SDS code: P14171

#### Recommended use of the chemical and restrictions on use

Recommended use:

Paint/Coating

Industrial uses

Restrictions on use:

No uses advised against are identified.

#### Supplier's details

##### Manufacturers:

Socomore SASU

Zone Industrielle du Prat - CS 23707 - 56037 VANNES CEDEX - France

Tel : +33 (0)2 97 43 76 83 - Fax : +33 (0)2 97 54 50 26

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#### Competent person responsible for the safety data sheet:

techdirsocomore@socomore.com

#### Emergency phone number:

Australia emergency phone number: 13 11 26 (Australian Poisons Information Centre)

International : CHEMTEL +1-813-248-0585.

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### 2. Hazards identification

Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is conform to Safe Work Australia Regulation.

⚠ Danger, Eye Dam. 1, Causes serious eye damage.

Aquatic Acute 3, Harmful to aquatic life.

#### GHS label elements, including precautionary statements

Hazard pictograms:

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Danger

Hazard statements:

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

Precautionary statements:

P273 Avoid release to the environment.

P280 Wear protective gloves and eye/face protection.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P312 Call a POISON CENTER/doctor/... if you feel unwell.

P501 Dispose of contents/container in accordance with applicable regulations.

Special Provisions:

None

**Other hazards which do not result in a classification:**

No other hazards

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### 3. Composition/information on ingredients

#### Substances

N.A.

(N.A. = not applicable)

#### Mixtures

Hazardous components within the meaning of GHS and related classification:

>= 90% [3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE

REACH No.: 01-2119513212-58, CAS: 2530-83-8, EC: 219-784-2

⚠ 3.3/1 Eye Dam. 1 H318

4.1/A3 Aquatic Acute 3 H402

% = weight/weight

NOTE: The Hazard Classifications listed in this section refer to the chemical at a pure concentration. The actual concentration of chemicals has been withheld as trade secret.

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### 4. First-aid measures

#### Description of necessary first-aid measures

In case of skin contact:

Immediately take off all contaminated clothing.

Areas of the body that have - or are only even suspected of having - come into contact with the

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product must be rinsed immediately with plenty of running water and possibly with soap.

OBTAIN IMMEDIATE MEDICAL ATTENTION.

Wash thoroughly the body (shower or bath).

Remove contaminated clothing immediately and dispose of safely.

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 induce vomiting. Obtain a medical examination.

In case of Inhalation:

Remove casualty to fresh air and keep warm and at rest.

#### **Most important symptoms/effects, acute and delayed**

None

#### **Indication of immediate medical attention and special treatment needed, if necessary**

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

Treatment:

No particular treatment.

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## 5. Fire-fighting measures

#### **Suitable extinguishing media**

Water.

Carbon dioxide (CO<sub>2</sub>).

#### **Unsuitable extinguishing media**

None in particular.

#### **Special hazards arising from the chemical**

Do not inhale explosion and combustion gases.

Burning produces heavy smoke.

#### **Hazardous combustion products:**

None

Explosive properties: N.A.

Oxidizing properties: N.A.

#### **Special protective actions for fire-fighters**

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.

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## 6. Accidental release measures

#### **Personal precautions, protective equipment and emergency procedures**

**For non emergency personnel:**

**For emergency responders:**

#### **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.

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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

#### **Methods and material for containment and cleaning up**

Wash with plenty of water.

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## 7. Handling and storage

#### **Precautions for safe handling**

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

#### **Advice on general occupational hygiene:**

Contaminated clothing should be changed before entering eating areas.

Do not eat or drink while working.

#### **Conditions for safe storage, including any incompatibilities**

##### **Incompatible materials:**

None in particular.

##### **Instructions as regards storage premises:**

Adequately ventilated premises.

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## 8. Exposure controls/personal protection

#### **Control parameters**

No occupational exposure limit available

#### **DNEL Exposure Limit Values**

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

Worker Industry: 70.5 mg/m<sup>3</sup> - Consumer: 17 mg/m<sup>3</sup> - Exposure: Human Inhalation -  
Frequency: Long Term, systemic effects

Worker Industry: 10 mg/kg - Consumer: 5 mg/kg - Exposure: Human Dermal - Frequency:  
Long Term, systemic effects

Consumer: 5 mg/kg - Exposure: Human Oral - Frequency: Long Term, systemic effects

#### **PNEC Exposure Limit Values**

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

Target: Fresh Water - Value: 0.45 mg/l

Target: Marine water - Value: 0.045 mg/l

Target: Soil - Value: 0.063 mg/kg

Target: Sewage treatment plant - Value: 8.2 mg/l

Target: Marine water sediments - Value: 0.16 mg/kg

Target: Freshwater sediments - Value: 1.6 mg/kg

#### **Appropriate engineering controls:**

None

#### **Individual protection measures, such as personal protective equipment (PPE)**

##### **Eye protection:**

Safety goggles (EN 166)

Face protection shield. (EN 166)

##### **Protection for skin:**

Use clothing that provides comprehensive protection to the skin, e.g. cotton, rubber, PVC or viton.

##### **Protection for hands:**

Suitable gloves type: NF EN374

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Butyl rubber (isobutylene-isoprene copolymer)

**Respiratory protection:**

Not needed for normal use.

**Thermal Hazards:**

None

#### 9. Physical and chemical properties

Properties	Value	Method:	Notes
Physical state:	Liquid	--	--
Colour:	Colourless	--	--
Odour:	N.A.	--	--
pH:	N.A.	--	--
Kinematic viscosity:	N.A.	--	--
Melting point / freezing point:	Not Relevant	--	--
Initial boiling point and boiling range:	262°C	--	--
Flammability:		N.A.	
Flash point (°C):	122 °C	--	--
Upper/lower flammability or explosive limits:	0.7-13.6%	--	--
Vapour pressure:	<0.1 hPa, 20°C	--	--
Vapour density:	N.A.	--	--
Relative density:	1.07	--	--
Solubility in water:	N.A.	--	--
Solubility in oil:	N.A.	--	--
Partition coefficient (n-octanol/water):	N.A.	--	--

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Auto-ignition temperature:	400°C	--	--
Decomposition temperature:	N.A.	--	--
Particle characteristics:			
Particle size:	N.A.	--	--

#### SECTION 10: Stability and reactivity

##### Reactivity

Stable under normal conditions

##### Chemical stability

Stable under normal conditions

##### Possibility of hazardous reactions

Trimethoxysilanes are capable of forming methanol if hydrolyzed or ingested. If swallowed, methanol may be harmful or fatal or cause blindness. Emits toxic fumes when inhaled.

##### Conditions to avoid

Stable under normal conditions.

##### Incompatible materials

Acids.

Bases.

Water/humidity.

##### Hazardous decomposition products

None.

#### 11. Toxicological information

##### Information on toxicological effects

##### Toxicological information of the product:

N.A.

##### Toxicological information of the main substances found in the product:

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

##### Acute toxicity:

Test: LC50 - Route: Inhalation - Species: Rat = 5.3 mg/l - Duration: 4h

Test: LD50 - Route: Oral - Species: Rat (Male, female) = 8025 mg/kg

Test: LD50 - Route: Skin - Species: Rabbit (male) = 4248 mg/kg

##### STOT-repeated exposure:

Test: NOAEL - Route: Oral = 500 mg/kg

Test: NOAEL - Route: Oral = 225 mg/m3

Test: NOAEL - Route: Oral - Species: Rat (Male, female) >= 1000 mg/kg - Duration: 90 days

Test: NOAEC - Route: Inhalation (dust, mist) - Species: Rat (male) = 119 mg/m3 - Duration: 28 days

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Test: LC0

**If not differently specified, the information listed below must be considered as non applicable:**

Acute toxicity;  
Skin corrosion/irritation;  
Serious eye damage/irritation;  
Respiratory or skin sensitisation;  
Germ cell mutagenicity;  
Carcinogenicity;  
Reproductive toxicity;  
STOT-single exposure;  
STOT-repeated exposure;  
Aspiration hazard.

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## 12. Ecological information

### Toxicity

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

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

a) Aquatic acute toxicity:

Endpoint: LC50 - Species: Fish = 55 mg/l - Duration h: 96 - Notes: Cyprinus carpio

Endpoint: EC50 - Species: Daphnia = 324 mg/l - Duration h: 48

Endpoint: EC50 - Species: Algae = 350 mg/l - Duration h: 96 - Notes: Pseudokirchneriella subcapitata, OECD 201

Endpoint: EC50 - Species: activated sludge > 100 mg/l - Duration h: 3 - Notes: OECD 209

Endpoint: LC50 - Species: Daphnia = 324 mg/l - Duration h: 48 - Notes: Simocephalus vetulus

Endpoint: NOEC - Species: Daphnia = 250 mg/l - Duration h: 48 - Notes: Simocephalus vetulus

b) Aquatic chronic toxicity:

Endpoint: NOEC - Species: Algae = 130 mg/l - Duration h: 96 - Notes: OECD 201

Endpoint: NOEC - Species: Daphnia = 100 mg/l - Duration h: 504 - Notes: OECD 211

Endpoint: EC50 - Species: activated sludge > 100 mg/l - Duration h: 3 - Notes: OECD 209

c) Bacteria toxicity:

Endpoint: NOEC - Species: bacteria > 100 mg/l - Duration h: 3

### Persistence and degradability

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

Biodegradability: Non-readily biodegradable - Duration: 28 days - %: 37

### Bioaccumulative potential

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

Log Kow 0.5 - Notes: 20°C

### Mobility in soil

[3-(2,3-EPOXYPROPOXY)PROPYL]TRIMETHOXYSILANE - CAS: 2530-83-8

Low adsorption

### Other adverse effects

No harmful effects expected.

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#### 13. Disposal considerations

**Disposal methods:**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Please consult Technical Data Sheet for details.

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#### 14. Transport information

**UN number**

Not classified as dangerous in the meaning of ADR, IATA and IMDG transport regulations.

**UN proper shipping name**

N.A.

**Transport hazard class(es)**

N.A.

**Packing group, if applicable**

N.A.

**Environmental hazards**

ADR-Environmental Pollutant: No

IMDG-Marine pollutant: No

**Special precautions for user**

N.A.

**Transport in bulk according to IMO instruments**

N.A.

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#### 15. Regulatory information

**Safety, health and environmental regulations specific for the product in question.**

This Safety Data Sheet has been prepared according to the Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Seventh revised edition.

**International Inventories:**

The substances are listed or exempted from registration in the following international inventories:

Canada (DSL): All the substances of this product are listed on the DSL list.

Canada (NDSL): No component of this product is listed on the NDSL list.

The following substance(s) in this product has/have an identification by CAS number either in countries not affected by the REACH regulation or in regulations not yet updated to reflect the new naming convention for hydrocarbon solvents:

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#### 16. Other information



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This document was prepared by a competent person who has received appropriate training. Classification complies with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS Ed.7) and is conform to Safe Work Australia Regulation. Full text of phrases referred to in Section 3:

H318 Causes serious eye damage.

H402 Harmful to aquatic life.

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

CCNL - Appendix 1

Insert further consulted bibliography

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SOCOMORE strongly advises every recipient of this safety data sheet to read it carefully and to consult experts in the field if necessary or appropriate, in order to understand the information it contains, notably the possible dangers associated with this product. The users must ensure the conformity and completeness of this information with regards to their specific use of the product.

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 responsibility of the purchaser/user to ensure that their activities conform with current legislation in force.

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).

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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.

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