

## Safety data sheet according to UK REACH

Printing date 18.09.2024

Version: 1.00

Revision: 27.04.2023

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

#### 1.1 Product identifier

**Trade name:** SONAX PROFILINE Ceramic Coating CC ONE

**Article number:** 02670000-755

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

**Application of the substance / the mixture** Coating

**Uses advised against** Do not use for private purposes (household).

#### 1.3 Details of the supplier of the safety data sheet

##### Manufacturer/Supplier:

SONAX GmbH  
Münchener Straße 75  
D-86633 Neuburg (Donau)  
Tel.: ++49 (0)8431/53-0

##### Further information obtainable from:

Product Safety  
Phone +49 (0)84 31/53-2 17  
E-Mail: ERP@sonax.de

**1.4 Emergency telephone number:** Emergency Phone Munich Tel.: +49 (0)89 19240

### SECTION 2: Hazards identification

#### 2.1 Classification of the substance or mixture

##### Classification according to Regulation (EC) No 1272/2008

Flam. Liq. 3            H226 Flammable liquid and vapour.

Eye Irrit. 2            H319 Causes serious eye irritation.

Aquatic Chronic 3    H412 Harmful to aquatic life with long lasting effects.

#### 2.2 Label elements

##### Labelling according to Regulation (EC) No 1272/2008

The product is classified and labelled according to the GB CLP regulation.

##### Hazard pictograms



GHS02    GHS07

##### Signal word Warning

##### Hazard statements

H226 Flammable liquid and vapour.

H319 Causes serious eye irritation.

H412 Harmful to aquatic life with long lasting effects.

##### Precautionary statements

P210            Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P260            Do not breathe vapours.

P264            Wash thoroughly after handling.

P271            Use only outdoors or in a well-ventilated area.

P280            Wear eye 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.

P337+P313    If eye irritation persists: Get medical advice/attention.

P403+P235    Store in a well-ventilated place. Keep cool.

P501            Dispose of contents/container in accordance with local/regional/national/international regulations.

##### Labelling of packages where the contents do not exceed 125 ml

Marking container <125 ml deviates. Reduced labeling according article 29 and annex I, no. 1.5 GB CLP-regulation is used.

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**2.3 Other hazards**

Product hydrolyses under formation of methanol (CAS no. 67-56-1). Methanol is toxic by inhalation, in contact with skin and if swallowed. Methanol causes damage to organs. Methanol is highly flammable.

The product hydrolyses under formation of ethanol (CAS-Nr. 64-17-5). Ethanol is classified concerning both physical and health hazards.

Inhalation of aerosol spray may damage health.

Avoid breathing dust/fume/gas/mist/vapours/spray.

**Results of PBT and vPvB assessment****PBT:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

**vPvB:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB.

**Determination of endocrine-disrupting properties**

The substance/mixture does not contain components considered to have endocrine disrupting properties according to UK REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

### SECTION 3: Composition/information on ingredients

**3.2 Mixtures**

**Description:** Surface sealing made from additives and modified silicones in solvents

**Dangerous components:**

CAS: 2031-67-6 EINECS: 217-983-9 Reg.nr.: 01-2119955268-27-xxxx	triethoxy(methyl)silane ⚠ Flam. Liq. 3, H226	25-<50%
CAS: 5593-70-4 EINECS: 227-006-8 Reg.nr.: 01-2119967423-33-xxxx	Tetrabutyltitanate ⚠ Flam. Liq. 3, H226; ⚠ Eye Dam. 1, H318; ⚠ Skin Irrit. 2, H315; STOT SE 3, H335; STOT SE 3, H336	3-<10%
CAS: 108-88-3 EINECS: 203-625-9	toluene ⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361d; STOT RE 2, H373; Asp. Tox. 1, H304; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	<1%
CAS: 67-56-1 EINECS: 200-659-6 Reg.nr.: 01-2119433307-44-xxxx	methanol ⚠ Flam. Liq. 2, H225; ⚠ Acute Tox. 3, H301; Acute Tox. 3, H311; Acute Tox. 3, H331; ⚠ STOT SE 1, H370; STOT SE 2, H371 Specific concentration limits: STOT SE 1; H370: C ≥ 10 % STOT SE 2; H371: 3 % ≤ C < 10 %	<0.25%
CAS: 556-67-2 EINECS: 209-136-7 Reg.nr.: 01-2119529238-36-xxxx	octamethylcyclotetrasiloxane ⚠ Flam. Liq. 3, H226; ⚠ Repr. 2, H361f; ⚠ Aquatic Chronic 1, H410 (M=10) PBT; vPvB	0-<0.1%

**Additional information:** For the wording of the listed hazard phrases refer to section 16.

### SECTION 4: First aid measures

**4.1 Description of first aid measures****General information:**

Take affected persons out into the fresh air.

In any cases of doubt or if symptoms are present, seek medical advice.

Immediately remove any clothing soiled by the product.

**After inhalation:**

Supply fresh air. If required, provide artificial respiration. Keep patient warm. Consult doctor if symptoms persist.

In case of unconsciousness place patient stably in side position for transportation.

**After skin contact:**

Wash the areas of skin affected with water and a mild detergent.

If skin irritation continues, consult a doctor.

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**After eye contact:**

Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

**After swallowing:**

Do not induce vomiting; call for medical help immediately.

Rinse out mouth and then drink plenty of water.

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

No further relevant information available.

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

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes.

Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma.

There may be a delay in the onset of these effects after exposure.

Treatment in accordance with the doctor's assessment of the patient's condition. Symptomatic treatment.

### SECTION 5: Firefighting measures

**5.1 Extinguishing media****Suitable extinguishing agents:**

Foam

Carbon dioxide

Fire-extinguishing powder

Water spray

Sand

**For safety reasons unsuitable extinguishing agents:** Water with full jet

**5.2 Special hazards arising from the substance or mixture**

In case of fire, the following can be released:

Carbon monoxide (CO)

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

Develops readily flammable gases/fumes.

**5.3 Advice for firefighters****Protective equipment:**

Do not inhale explosion gases or combustion gases.

Wear fully protective suit.

Do not enter the hazardous area without a self-contained breathing apparatus.

See Section 8 for information on personal protection equipment.

**Additional information**

Cool endangered receptacles with water spray.

Collect contaminated fire fighting water separately. It must not enter the sewage system.

### SECTION 6: Accidental release measures

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

Keep away from ignition sources.

Ensure adequate ventilation

Particular danger of slipping on leaked/spilled product.

**For non-emergency personnel**

The usual precautionary measures are to be adhered to when handling chemicals.

Do not inhale gases / fumes / aerosols.

**For emergency responders**

Wear protective equipment. Keep unprotected persons away.

Do not inhale gases / fumes / aerosols.

**6.2 Environmental precautions:**

Do not allow to penetrate the ground/soil.

Do not allow to enter sewers/ surface or ground water.

**6.3 Methods and material for containment and cleaning up:**

Ensure adequate ventilation.

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust).

Dispose contaminated material as waste according to section 13.

**6.4 Reference to other sections**

See Section 7 for information on safe handling.

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**Trade name: SONAX PROFILINE Ceramic Coating CC ONE**

See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

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### SECTION 7: Handling and storage

#### 7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.  
Use suitable respiratory protective device in case of insufficient ventilation.  
Do not breathe vapour.  
Prevent formation of aerosols.

#### Information about fire - and explosion protection:



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.  
Buildup of explosive mixtures possible without sufficient ventilation.

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

##### Storage:

**Requirements to be met by storerooms and receptacles:** Provide solvent resistant, sealed floor.

##### Information about storage in one common storage facility:

Store away from foodstuffs.  
Store away from oxidising agents.  
Observe local/state/federal regulations.

##### Further information about storage conditions:

Store only in the original receptacle.  
Store in cool, dry conditions in well sealed receptacles.  
Recommended storage temperature: 20 °C.  
Protect from humidity and water.

#### 7.3 Specific end use(s) No further relevant information available.

### SECTION 8: Exposure controls/personal protection

#### 8.1 Control parameters

##### Ingredients with limit values that require monitoring at the workplace:

With exposure to moisture, product will release methanol.

With exposure to moisture, product will release ethanol.

##### CAS: 108-88-3 toluene

WEL (Great Britain) Short-term value: 384 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 191 mg/m<sup>3</sup>, 50 ppm  
Sk

IOELV (EU) Short-term value: 384 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 192 mg/m<sup>3</sup>, 50 ppm  
Skin

OEL (Ireland) Short-term value: 384 mg/m<sup>3</sup>, 100 ppm  
Long-term value: 192 mg/m<sup>3</sup>, 50 ppm  
Sk, IOELV

##### CAS: 67-56-1 methanol

WEL (Great Britain) Short-term value: 333 mg/m<sup>3</sup>, 250 ppm  
Long-term value: 266 mg/m<sup>3</sup>, 200 ppm  
Sk

IOELV (EU) Long-term value: 260 mg/m<sup>3</sup>, 200 ppm  
Skin

OEL (Ireland) Long-term value: 260 mg/m<sup>3</sup>, 200 ppm  
Sk, IOELV

##### CAS: 64-17-5 ethanol

WEL (Great Britain) Long-term value: 1920 mg/m<sup>3</sup>, 1000 ppm

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OEL (Ireland) Short-term value: 1000 ppm

**Regulatory information**

WEL (Great Britain): EH40/2020

IOELV (EU): (EU) 2019/1831

OEL (Ireland): 2021 CoP for the Safety, Health and Welfare at Work

**DNELs**

**CAS: 2031-67-6 triethoxy(methyl)silane**

Oral	DNEL	1.36 mg/kg bw/day (consumer) (acute long-term)
Dermal	DNEL	9.498 mg/bw/day (consumer) (acute long-term)
	DNEL	19.34 mg/kg bw/day (worker) (acute long-term)
Inhalative	DNEL	32.75 mg/m <sup>3</sup> (consumer) (acute systematic effects)
		134.05 mg/m <sup>3</sup> (worker) (acute locale effects)

**CAS: 5593-70-4 Tetrabutyltitanate**

Oral	DNEL	3.75 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	37.5 mg/kg (consumer) (longterm systematic effects)
Inhalative	DNEL	152 mg/m <sup>3</sup> (consumer) (longterm systematic effects)
	DNEL	127 mg/m <sup>3</sup> (worker) (longterm systematic effects)

**PNECs**

**CAS: 2031-67-6 triethoxy(methyl)silane**

PNEC	10 mg/l (sewage plant)
	42 mg/l (water (intermittent release))
	4.2 mg/l (water (fresh water))
	0.42 mg/l (water (sea water))
PNEC	3.4 mg/kg (sediment (fresh water))
	0.34 mg/kg (sediment (sea water))
	0.54 mg/kg (soil)

**CAS: 5593-70-4 Tetrabutyltitanate**

PNEC	65 mg/l (sewage plant)
	2.25 mg/l (water) (zeitweise Freisetzung)
	0.08 mg/l (water (fresh water))
	0.008 mg/l (water (sea water))
PNEC	0.069 mg/kg (sediment (fresh water))
	0.007 mg/kg (sediment (sea water))
	0.017 mg/kg (soil)

**Additional information:** The lists valid during the making were used as basis.

**8.2 Exposure controls**

**Suitable technical control devices**

Ensure good ventilation. This can be achieved by localised extraction or general ventilation. If this is not sufficient to keep the concentration below the occupational exposure limit, suitable breathing protection is to be worn.

**Individual protection measures, such as personal protective equipment**

**General protective and hygienic measures:**

Keep away from foodstuffs, beverages and feed.

Immediately remove all soiled and contaminated clothing

Wash hands before breaks and at the end of work.

**Respiratory protection:**

If inhalative exposure above the occupational exposure limit cannot be excluded, adequate respiratory protection equipment must be used. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Gas filter type ABEK (certain inorganic, organic and acidic gases and vapors; ammonia/amines), according to acknowledged standards such as EN 14387

In case of mist, spray or aerosol exposure wear suitable personal respiratory protection and protective suit. Suitable respiratory equipment: Respirator with a full face mask, according to acknowledged standards such as EN 136.

Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and

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vapors; ammonia/amines; particles), according to acknowledged standards such as EN 14387  
Observe the equipment manufacturer's information and wear time limits for respirators.

**Hand protection** Protective gloves

**Material of gloves**

Butyl rubber, BR

Recommended thickness of the material:  $\geq 0.5$  mm

Nitrile rubber, NBR

Recommended thickness of the material:  $\geq 0.4$  mm

[EN 374]

**Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

The determined penetration times according to EN 16523-1:2015 are not performed under practical conditions. Therefore a maximum wearing time, which corresponds to 50% of the penetration time, is recommended.

**Eye/face protection**

Safety glasses

[EN 166]

### SECTION 9: Physical and chemical properties

#### 9.1 Information on basic physical and chemical properties

##### General Information

**Physical state**

Fluid

**Colour:**

Colourless

**Odour:**

Solvent-like

**Melting point/freezing point:**

Undetermined.

**Boiling point or initial boiling point and boiling range**

143 °C (CAS: 2031-67-6 triethoxy(methyl)silane)

**Flammability**

Highly flammable liquid and vapour.

**Lower and upper explosion limit**

**Lower:**

3.5 Vol % (CAS: 2031-67-6 triethoxy(methyl)silane)

**Upper:**

15 Vol % (CAS: 2031-67-6 triethoxy(methyl)silane)

**Flash point:**

28 °C (DIN 51755)

**Auto-ignition temperature:**

220 °C (CAS: 2031-67-6 triethoxy(methyl)silane)

**Decomposition temperature:**

Not determined.

**pH**

Not applicable.

**Viscosity:**

**Kinematic viscosity**

Not determined.

**Solubility**

**water:**

Not miscible or difficult to mix.

**Partition coefficient n-octanol/water (log value)**

Not determined.

**Vapour pressure at 20 °C:**

13.3 hPa (CAS: 2031-67-6 triethoxy(methyl)silane)

**Density and/or relative density**

**Density at 20 °C:**

0.99 g/cm<sup>3</sup>

**Vapour density**

Not determined.

#### 9.2 Other information

**Appearance:**

**Form:**

Fluid

**Important information on protection of health and environment, and on safety.**

**Ignition temperature:**

Not determined.

**Explosive properties:**

In use, may form flammable/explosive vapour-air mixture.

**Change in condition**

**Evaporation rate**

Not determined.

#### Information with regard to physical hazard classes

**Explosives**

Void

**Flammable gases**

Void

**Aerosols**

Void

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<b>Oxidising gases</b>	Void
<b>Gases under pressure</b>	Void
<b>Flammable liquids</b>	Flammable liquid and vapour.
<b>Flammable solids</b>	Void
<b>Self-reactive substances and mixtures</b>	Void
<b>Pyrophoric liquids</b>	Void
<b>Pyrophoric solids</b>	Void
<b>Self-heating substances and mixtures</b>	Void
<b>Substances and mixtures, which emit flammable gases in contact with water</b>	Void
<b>Oxidising liquids</b>	Void
<b>Oxidising solids</b>	Void
<b>Organic peroxides</b>	Void
<b>Corrosive to metals</b>	Void
<b>Desensitised explosives</b>	Void

### SECTION 10: Stability and reactivity

**10.1 Reactivity** No dangerous reactions known.

**10.2 Chemical stability** Stable under normal conditions.

**10.3 Possibility of hazardous reactions** Fumes can combine with air to form an explosive mixture.

**10.4 Conditions to avoid**

Keep ignition sources away - Do not smoke.

moisture

See Section 7 for information on safe handling.

**10.5 Incompatible materials:**

strong oxidizing agents

Reacts with: water, basic substances and acids. Reaction causes the formation of: methanol.

**10.6 Hazardous decomposition products:**

methanol

Ethanol

Measurements have shown the formation of small amounts of formaldehyde at temperatures above about 150 °C through oxidation.

### SECTION 11: Toxicological information

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

**Acute toxicity** Based on available data, the classification criteria are not met.

**LD/LC50 values relevant for classification:**

**CAS: 2031-67-6 triethoxy(methyl)silane**

Oral	LD50	>2,007 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,007 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	>13.5 mg/l (rat) (OECD 403)

**CAS: 5593-70-4 Tetrabutyltitanate**

Oral	LD50	>2,000 mg/kg (rat)
Dermal	LD 50	5,300 mg/kg (rabbit)
Inhalative	LD50	20,100 mg/l (rat)

**CAS: 108-88-3 toluene**

Oral	LD50	5,000 mg/kg (rat)
	LDLo	12,124 mg/kg (rabbit)
Inhalative	LC50/4d	5,320 mg/l (mouse)

**CAS: 67-56-1 methanol**

Oral	LD0	143 mg/kg (human)
	LD50	5,628 mg/kg (rat)
Dermal	LD50	15,800 mg/kg (rabbit)

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Inhalative	LDLo	393 mg/kg (monkey)
	LC50/4d	83.8 mg/l

**Skin corrosion/irritation** Based on available data, the classification criteria are not met.

**Serious eye damage/irritation** Causes serious eye irritation.

**Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.

**Germ cell mutagenicity** Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

#### Reproductive toxicity

Based on available data, the classification criteria are not met.

#### CAS: 2031-67-6 triethoxy(methyl)silane

Oral	NOAEL 7d/w	750 mg/kg (rat) (OECD 422)
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**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

#### Additional toxicological information:

Methanol (CAS 67-56-1) is readily and rapidly absorbed at all exposure routes and is toxic by all routes. Methanol may cause irritation of the mucosa, as well as nausea, vomiting, headaches, vertigo and visual disorders, including blindness (irreversible damage to the optic nerve), acidosis, spasms, narcosis and coma. There may be a delay in the onset of these effects after exposure.

#### Repeated dose toxicity

#### CAS: 2031-67-6 triethoxy(methyl)silane

Oral	NOAEL 6-19 Tag der Trächtigkeit	1,000 mg/kg (rat) (OECD 414)
	LOAEL	750 mg/kg (rat) (OECD 422)
	NOAEL 28 d	150 mg/kg (rat) (OECD 422)

#### 11.2 Information on other hazards

##### Endocrine disrupting properties

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with health effects.

None of the ingredients is listed.

## SECTION 12: Ecological information

### 12.1 Toxicity

#### Aquatic toxicity:

#### CAS: 2031-67-6 triethoxy(methyl)silane

LC50 / 96h	>500 mg/l (Danio rerio) (OECD 203)
EC50 (static)	>100 mg/l (KS) (OECD 209)
EC50 / 48h (static)	>500 mg/l (Daphnia magna) (OECD 202)
EC50 / 72h (static)	>500 mg/l (Selenastrum capricornutum) (OECD 201)

#### CAS: 5593-70-4 Tetrabutyltitanate

LC50 / 96h	1,825 mg/l (fish) (acute)
EC10	650 mg/l (bacteria)
EC50 / 48h	1,300 mg/l (dp) (acute)
EC50 / 96 h	225 mg/l (algae) (acute)

#### CAS: 67-56-1 methanol

LC50 / 96h	15,400 mg/l (Lepomis macrochirus) (OECD-Prüfrichtlinie 203)
EC50 / 16h	6,600 mg/l (Pseudomonas putida)
EC50 / 48h	>1,000 mg/l (Daphnia magna) (OECD-Prüfrichtlinie 202)

**12.2 Persistence and degradability** No further relevant information available.

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**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as PBT

**vPvB:**

According to information provided in the supply chain, the mix contains less than 0.1% of any substances classified as vPvB

**12.6 Endocrine disrupting properties**

According to the current state of scientific knowledge, there is no data for the product regarding endocrine disrupting properties with effects on the environment.

**12.7 Other adverse effects**

**Additional ecological information:**

**General notes:** The product may not be released into the environment without control.

### SECTION 13: Disposal considerations

**13.1 Waste treatment methods**

**Recommendation** Disposal must be made according to official regulations.

**European waste catalogue**

1) Disposal / product

2) Disposal / contaminated packaging

07 07 04*	other organic solvents, washing liquids and mother liquors
15 01 10*	packaging containing residues of or contaminated by hazardous substances
HP3	Flammable

**Uncleaned packaging:**

**Recommendation:** Disposal must be made according to official regulations.

### SECTION 14: Transport information

**14.1 UN number or ID number**

**ADR/RID/ADN, IMDG, IATA** UN1993

**14.2 UN proper shipping name**

**ADR/RID/ADN** 1993 FLAMMABLE LIQUID, N.O.S. (methyl triethoxysilane)

**IMDG, IATA** FLAMMABLE LIQUID, N.O.S. (methyl triethoxysilane)

**14.3 Transport hazard class(es)**

**ADR/RID/ADN**



**Class** 3 (F1) Flammable liquids.

**Label** 3

**IMDG, IATA**



**Class** 3 Flammable liquids.

**Label** 3

**14.4 Packing group**

**ADR/RID/ADN, IMDG, IATA** III

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**14.5 Environmental hazards:** Not applicable.

**14.6 Special precautions for user** Warning: Flammable liquids.

**Transport/Additional information:**

**ADR/RID/ADN**

Limited quantities (LQ) 5L

Transport category 3

Tunnel restriction code D/E

**UN "Model Regulation":** UN 1993 FLAMMABLE LIQUID, N.O.S. (METHYL TRIETHOXYSILANE), 3, III

### SECTION 15: Regulatory information

**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**  
**European Directives:**  
 Catégorie SEVESO (DIRECTIVE 2012/18/EU) P5c FLAMMABLE LIQUIDS  
 REGULATION (EU) 2019/1148

**Annex I - RESTRICTED EXPLOSIVES PRECURSORS (Upper limit value for the purpose of licensing under Article 5(3))**

None of the ingredients is listed.

**Annex II - REPORTABLE EXPLOSIVES PRECURSORS**

None of the ingredients is listed.

**National regulations:**

**Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

**15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

### SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This Safety Data Sheet is in compliance with Regulation (EC) No 1907/2006, Article 31 as amended by Regulation (EU) 2020/878.

**Relevant phrases**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H301 Toxic if swallowed.

H304 May be fatal if swallowed and enters airways.

H311 Toxic in contact with skin.

H315 Causes skin irritation.

H318 Causes serious eye damage.

H331 Toxic if inhaled.

H335 May cause respiratory irritation.

H336 May cause drowsiness or dizziness.

H361d Suspected of damaging the unborn child.

H361f Suspected of damaging fertility.

H370 Causes damage to organs.

H371 May cause damage to organs.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

**Classification according to Regulation (EC) No 1272/2008**

Flammable liquids

On basis of test data

Serious eye damage/irritation  
 Hazardous to the aquatic environment - long-term (chronic) aquatic hazard

The classification of the mixture is generally based on the calculation method using substance data according to Regulation (EC) No 1272/2008.

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**Safety data sheet  
according to UK REACH**

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**Trade name: SONAX PROFILINE Ceramic Coating CC ONE**

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**Abbreviations and acronyms:**

*RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

*NOEL = No Observed Effect Level*

*NOEC = No Observed Effect Concentration*

*LC = lethal Concentration*

*EC50 = half maximal effective concentration*

*log POW = Octanol / water partition coefficient*

*GHS: Globally Harmonized System of Classification and Labelling of Chemicals*

*ATE: acute toxicity estimate*

*ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)*

*IMDG: International Maritime Code for Dangerous Goods*

*IATA: International Air Transport Association*

*EINECS: European Inventory of Existing Commercial Chemical Substances*

*ELINCS: European List of Notified Chemical Substances*

*CAS: Chemical Abstracts Service (division of the American Chemical Society)*

*DNEL: Derived No-Effect Level (UK REACH)*

*PNEC: Predicted No-Effect Concentration (UK REACH)*

*LC50: Lethal concentration, 50 percent*

*LD50: Lethal dose, 50 percent*

*IOELV = indicative occupational exposure limit values*

*Flam. Liq. 2: Flammable liquids – Category 2*

*Flam. Liq. 3: Flammable liquids – Category 3*

*Acute Tox. 3: Acute toxicity – Category 3*

*Skin Irrit. 2: Skin corrosion/irritation – Category 2*

*Eye Dam. 1: Serious eye damage/eye irritation – Category 1*

*Eye Irrit. 2: Serious eye damage/eye irritation – Category 2*

*Repr. 2: Reproductive toxicity – Category 2*

*Repr. 2: Reproductive toxicity – Category 2*

*STOT SE 1: Specific target organ toxicity (single exposure) – Category 1*

*STOT SE 3: Specific target organ toxicity (single exposure) – Category 3*

*STOT RE 2: Specific target organ toxicity (repeated exposure) – Category 2*

*Asp. Tox. 1: Aspiration hazard – Category 1*

*Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1*

*Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3*

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