

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

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

1.1 Product identifier

Trade name: SONAX PROFILINE RUBBER CARE

Article number: 02505000.03

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

Sector of Use

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen)

Product category PC9a Coatings and paints, thinners, paint removers

Application of the substance / the mixture Car care product

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

E-mail: erp@sonax.de

Phone: + +49 (0) 8431 53 217

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. 2 H225 Highly flammable liquid and vapour.

Skin Irrit. 2 H315 Causes skin irritation.

STOT SE 3 H336 May cause drowsiness or dizziness.

Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

Aquatic Chronic 2 H411 Toxic 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 CLP regulation.

Hazard pictograms



GHS02 GHS07 GHS08 GHS09

Signal word Danger

Hazard-determining components of labelling:

C6-7 Alkane/Cycloalkane

Hazard statements

H225 Highly flammable liquid and vapour.

H315 Causes skin irritation.

H336 May cause drowsiness or dizziness.

H304 May be fatal if swallowed and enters airways.

H411 Toxic to aquatic life with long lasting effects.

Precautionary statements

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

P102 Keep out of reach of children.

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

P261 Avoid breathing vapours.

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

P280 Wear protective gloves.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

P331 Do NOT induce vomiting.

P405 Store locked up.

(Contd. on page 2)

GB

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 1)

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

Additional information:

Buildup of explosive mixtures possible without sufficient ventilation.

2.3 Other hazards**Results of PBT and vPvB assessment**

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3: Composition/information on ingredients

3.2 Mixtures

Description: Additives in solvent

Dangerous components:

EC No 921-024-6 Reg.nr.: 01-2119475514-35-xxxx	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane Alternative CAS number: 64742-49-0 ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	50-<75%
CAS: 110-82-7 EINECS: 203-806-2 Reg.nr.: 01-2119463273-41-xxxx	cyclohexane ⚠ Flam. Liq. 2, H225; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Acute 1, H400; Aquatic Chronic 1, H410; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336	5-<10%
CAS: 110-54-3 EINECS: 203-777-6 Reg.nr.: 01-2119480412-44-xxxx	n-hexane ⚠ Flam. Liq. 2, H225; ⚠ Repr. 2, H361f; STOT RE 2, H373; ⚠ Asp. Tox. 1, H304; ⚠ Aquatic Chronic 2, H411; ⚠ Skin Irrit. 2, H315; STOT SE 3, H336 Specific concentration limit: STOT RE 2; H373: C ≥ 5 %	1-<3%

Regulation (EC) No 648/2004 on detergents / Labelling for contents

aliphatic hydrocarbons	≥30%
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Additional information:

Any entry in the EC-column that begins with the number "9" is a Provisional List Number provided by ECHA pending publication of the official EC Inventory Number for the substance. See Section 15 for additional CAS number information for the substance.

For the wording of the listed hazard phrases refer to section 16.

Hydrocarbon mixture:

Benzene content < 0.1%

Cyclohexane is a part of the hydrocarbon mixture.

n-Hexane is a part of the hydrocarbon mixture.

SECTION 4: First aid measures

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

Take affected persons out of danger area and lay down.

Remove soiled clothing

After inhalation:

Supply fresh air.

In the event of irritation of the respiratory tract, dizziness, nausea or unconsciousness, call medical assistance immediately.

After skin contact:

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

If symptoms persist consult doctor.

After eye contact: Rinse opened eye for several minutes under running water. Then consult a doctor.

After swallowing:

Rinse out mouth and then drink plenty of water.

Do not induce vomiting; call for medical help immediately.

4.2 Most important symptoms and effects, both acute and delayed

Skin irritation

Reddening, drying and crack formation of the skin

(Contd. on page 3)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 2)

Headache
Dizziness
Drowsiness
Nausea
Cramp

4.3 Indication of any immediate medical attention and special treatment needed

If swallowed or in case of vomiting, danger of entering the lungs.

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 haze

For safety reasons unsuitable extinguishing agents: Water with full jet

5.2 Special hazards arising from the substance or mixture

Can form explosive gas-air mixtures.

In case of fire, the following can be released:

Carbon monoxide (CO)
Carbon dioxide (CO₂)
Silicon oxides

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

Wear protective equipment. Keep unprotected persons away.

Avoid contact with the eyes and skin.

6.2 Environmental precautions:

Do not allow to penetrate the ground/soil.

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

Inform respective authorities in case of seepage into water course or sewage system.

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 item 13.

6.4 Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure good ventilation/exhaustion at the workplace.

Buildup of explosive mixtures possible without sufficient ventilation.

(Contd. on page 4)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 3)

Information about fire - and explosion protection:



Keep ignition sources away - Do not smoke.

Highly volatile, flammable constituents are released during processing.
Protect against electrostatic charges.
Use explosion-proof apparatus / fittings and spark-proof tools.

7.2 Conditions for safe storage, including any incompatibilities

Storage:

Requirements to be met by storerooms and receptacles:

Provide solvent resistant, sealed floor.

Store in a cool location.

Information about storage in one common storage facility:

Store away from foodstuffs.

Store away from oxidising agents.

Further information about storage conditions:

Store receptacle in a well ventilated area.

Keep container tightly sealed.

Protect from heat and direct sunlight.

Recommended storage temperature: 20 °C.

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:

CAS: 110-82-7 cyclohexane

WEL (Great Britain) Short-term value: 1050 mg/m³, 300 ppm

Long-term value: 350 mg/m³, 100 ppm

IOELV (EU)

Long-term value: 700 mg/m³, 200 ppm

CAS: 110-54-3 n-hexane

WEL (Great Britain) Long-term value: 72 mg/m³, 20 ppm

IOELV (EU) Long-term value: 72 mg/m³, 20 ppm

Regulatory information

WEL (Great Britain): EH40/2011

IOELV (EU): (EU) 2017/164

DNELs

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Oral DNEL 699 mg/kg bw/day (consumer) (chronic exposure / systemic effects)

Dermal DNEL 699 mg/kg bw/day (consumer) (chronic exposure / systemic effects)

773 mg/kg bw/day (worker) (chronic exposure / systemic effects)

Inhalative DNEL 608 mg/m³ (consumer) (chronic exposure / systemic effects)

2,035 mg/m³ (worker) (chronic exposure / systemic effects)

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.

Personal protective equipment:

General protective and hygienic measures:

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

Keep away from foodstuffs, beverages and feed.

Wash hands before breaks and at the end of work.

(Contd. on page 5)

GB

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 4)

Respiratory protection:

If the occupational exposure limit is exceeded:

The following breathing protection is recommended:

Respiratory filter for organic gases and vapours (Type A)

Identification colour: Brown

[DIN EN 14387]

Protection of hands: Protective gloves

Material of gloves

Nitrile rubber, NBR

Fluorocarbon rubber (Viton)

Recommended thickness of the material: ≥ 0.4 mm

[EN 374]

Penetration time of glove material Value for the permeation: Level 6 (≥ 480 min)

Eye protection:

Goggles recommended during refilling

[EN 166]

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

General Information

Appearance:

Form:	Fluid
Colour:	Colourless
Odour:	Characteristic
Odour threshold:	Not determined.

pH-value: Not applicable.

Change in condition

Melting point/freezing point:	Undetermined.
Initial boiling point and boiling range:	60 - 167 °C

Flash point: < -5 °C (DIN EN ISO 13736)

Flammability (solid, gas): Not applicable.

Decomposition temperature: Not determined.

Auto-ignition temperature: Not determined.

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

Explosion limits:

Lower:	0.6 Vol.% (Main ingredient data)
Upper:	8.0 Vol.% (Main ingredient data)

Vapour pressure: Not determined.

Density at 20 °C: 0.75 - 0.77 g/cm³

Relative density Not determined.

Vapour density Not determined.

Evaporation rate Not determined.

Solubility in / Miscibility with water:

Not miscible or difficult to mix.

Partition coefficient: n-octanol/water: Not determined.

Viscosity:

Flow time at 20 °C 10 - 15 s (DIN EN ISO 2431/4mm)

Kinematic at 40 °C: < 20.5 mm²/s

9.2 Other information

No further relevant information available.

GB

(Contd. on page 6)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 5)

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 Forms explosive gas mixture with air.

10.4 Conditions to avoid

Keep ignition sources away - Do not smoke.

Protect from heat and direct sunlight.

See Section 7 for information on safe handling.

10.5 Incompatible materials: strong oxidizing agents

10.6 Hazardous decomposition products: No dangerous decomposition products known.

SECTION 11: Toxicological information

11.1 Information on toxicological effects There are no toxicological findings on this mixture.

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

LD/LC50 values relevant for classification:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rat) (OECD 402)
Inhalative	LC50 / 4h	>20 mg/l (rat) (OECD 403)

CAS: 110-82-7 cyclohexane

Oral	LD50	>5,000 mg/kg (rabbit)
Dermal	LD50	>2,000 mg/kg (rabbit)
Inhalative	LC50 / 4h	>32,880 mg/m³ (rat)

CAS: 110-54-3 n-hexane

Oral	LD50	3,200 mg/kg (rat)
Dermal	LD50	3,350 mg/kg (rabbit)
Inhalative	LC50/4d	172 mg/l (rat)

Primary irritant effect:

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

Respiratory or skin sensitisation

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)

Contains n-hexane!

On the basis of the available data, the classification criteria are not complied with (Conventional Method).

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.

STOT-single exposure

May cause drowsiness or dizziness.

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

Aspiration hazard

Viscosity: < 20,5mm²/s (40°C)

May be fatal if swallowed and enters airways.

GB

(Contd. on page 7)

Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 6)

SECTION 12: Ecological information

12.1 Toxicity

Product is considered to be harmful to aquatic organisms. May have long-term harmful effects in aquatic environments.

Aquatic toxicity:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

LL50 / 96h	11.4 mg/l (Oncorhynchus mykiss) (OECD 203)
EL50 / 48h	3 mg/l (Daphnia magna) (OECD 202)
EL50 / 72h	30 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
LOEC	0.32 mg/l (Daphnia magna) (21d)
NOELR 72 h	3 mg/l (Pseudokirchneriella subcapitata)
NOEC / 21 d	0.17 mg/l (Daphnia magna)

CAS: 110-82-7 cyclohexane

LC50 / 96h	4.53 mg/l (Pimephales promelas)
EC50 / 48h	2.4 mg/l (Daphnia magna)
EC50 / 72h	3.4 mg/l (Pseudokirchneriella subcapitata)

CAS: 110-54-3 n-hexane

LL50 / 96h	12.51 mg/l (Oncorhynchus mykiss)
EL50 / 48h	21.85 mg/l (Daphnia magna)

12.2 Persistence and degradability

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane

Biodegradation	81 % (28d)
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CAS: 110-54-3 n-hexane

Biodegradation	83 % (10d (ECHA))
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12.3 Bioaccumulative potential

CAS: 110-82-7 cyclohexane

log Kow	3.44 log Kow (pH: 7, 25°C)
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CAS: 110-54-3 n-hexane

log Kow	4 log Kow (pH: 7, 20°C)
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12.4 Mobility in soil

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane:

Highly volatile, will partition rapidly to air.

Additional ecological information:

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

12.5 Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

12.6 Other adverse effects

No further relevant information available.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste classified as hazardous according to Annex III to Directive 2008/98/EC.

Recommendation Waste must be disposed of while observing the local, official regulations.

European waste catalogue

- 1) Disposal / product
- 2) Disposal / contaminated packaging

20 01 13*	solvents
15 01 10*	packaging containing residues of or contaminated by dangerous substances

GB

(Contd. on page 8)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 7)

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA

UN3295

14.2 UN proper shipping name
ADR
IMDG, IATA

3295 HYDROCARBONS, LIQUID, N.O.S.
HYDROCARBONS, LIQUID, N.O.S.

14.3 Transport hazard class(es)
ADR

Class
Label

3 Flammable liquids.
3

IMDG, IATA


Class
Label

3 Flammable liquids.
3

14.4 Packing group
ADR, IMDG, IATA

II

14.5 Environmental hazards:
Marine pollutant:

Yes
absent due to package size =<5l
Symbol (fish and tree)

Special marking (ADR):

Symbol (fish and tree)

14.6 Special precautions for user

Warning: Flammable liquids.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

Not applicable.

Transport/Additional information:

ADR

Limited quantities (LQ)
Transport category
Tunnel restriction code

1l
2
D/E

UN "Model Regulation":

UN3295, HYDROCARBONS, LIQUID, N.O.S., 3, II

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

The following substance(s) in this product is (are) identified by CAS number either in countries not subject to the REACH regulation or in regulations not yet updated with the new naming convention for hydrocarbon solvents.

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane: CAS 64742-49-0

European Directives:

EC/1907/2006 (REACH)
EC/1272/2008 (CLP)
EC/648/2004

National regulations:

Information about limitation of use:

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

(Contd. on page 9)

Safety data sheet according to 1907/2006/EC, Article 31

Printing date 28.10.2020

Version: 5.00

Revision: 14.11.2017

Trade name: SONAX PROFILINE RUBBER CARE

(Contd. of page 8)

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.

Relevant phrases

H225 Highly flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H336 May cause drowsiness or dizziness.
H361f Suspected of damaging fertility.
H373 May cause damage to organs through prolonged or repeated exposure.
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.

Classification according to Regulation (EC) No 1272/2008

Flammable liquids	On basis of test data
Skin corrosion/irritation Specific target organ toxicity (single exposure) Aspiration hazard 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.

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 européen sur le transport 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 (REACH)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IOELV = indicative occupational exposure limit values
Flam. Liq. 2: Flammable liquids – Category 2
Skin Irrit. 2: Skin corrosion/irritation – Category 2
Repr. 2: Reproductive toxicity – Category 2
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 Acute 1: Hazardous to the aquatic environment - acute aquatic hazard – Category 1
Aquatic Chronic 1: Hazardous to the aquatic environment - long-term aquatic hazard – Category 1
Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

*** Data compared to the previous version altered.**