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

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

1.1 Product identifier

Trade name: SONAX PROFILINE FabricCoating

Article number:
03103000
UFI: *8XW1-F0JF-D00N-JPA9*
1.2 Relevant identified uses of the substance or mixture and uses advised against
Application of the substance / the mixture
Car care product
Textile dyes, and impregnating products
Consumer uses: Private households / general public / consumers
Professional uses
Uses advised against *None*

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
United Kingdom:
Anglo American Oil Company Ltd
58 Holton Road, Holton Heath Trading Park, Poole, Dorset, BH16 6LT
Telephone: (+44) 01929 551557
Email: info@aaoil.co.uk

1.4 Emergency telephone number:
European Union: ***+49 (0) 89 19240*** *(Poison Centre Munich)*
United Kingdom: ***0344 892 0111*** *(UK NPIS)*
Members of Public in England, Scotland and Wales can contact NHS 111/NHS 24 by dialling 111
In Northern Ireland, contact your local GP

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.*
Skin Irrit. 2	*H315 Causes skin irritation.*
Eye Irrit. 2	*H319 Causes serious eye irritation.*
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 GB CLP regulation.
Hazard pictograms

GHS02 GHS07 GHS08 GHS09

Signal word *Danger*

Hazard-determining components of labelling:
C10-12-Isoalkanes
Hazard statements
H226 Flammable liquid and vapour.
H315 Causes skin irritation.

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H319 Causes serious eye irritation.
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/eye protection.
P301+P310	IF SWALLOWED: Immediately call a POISON CENTER/ doctor.
P302+P352	IF ON SKIN: Wash with plenty of 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.
P331	Do NOT induce vomiting.
P405	Store locked up.
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:
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: Additives in solvent

Dangerous components:		
CAS: 90622-57-4 EC No 923-037-2 Reg.nr.: 01-2119471991-29-xxxx	Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics Flam. Liq. 3, H226; Asp. Tox. 1, H304; Aquatic Chronic 2, H411, EUH066	75-100%
CAS: 540-84-1 EINECS: 208-759-1 Reg.nr.: 01-2119457965-22-xxxx	2,2,4-trimethylpentane Flam. Liq. 2, H225; Asp. Tox. 1, H304; Aquatic Acute 1, H400 (M=1); Aquatic Chronic 1, H410 (M=1); Skin Irrit. 2, H315; STOT SE 3, H336	5-<10%
CAS: 1071-76-7 EINECS: 213-995-3	Zirconium tetrabutanolate Flam. Liq. 3, H226; Eye Dam. 1, H318; Skin Irrit. 2, H315; STOT SE 3, H335; STOT SE 3, H336	1-<3%

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

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After skin contact:
Wash the areas of skin affected with water and a mild detergent.
If skin irritation continues, consult a doctor.
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.*
4.2 Most important symptoms and effects, both acute and delayed
Headache
Dizziness
Drowsiness
Nausea
Reddening, drying and crack formation of the skin
Skin irritation
Eye irritation

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
In case of fire, the following can be released:
Carbon monoxide (CO)
Carbon dioxide (CO2)
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.
For non-emergency personnel
Ensure adequate ventilation
Wear protective clothing.
For emergency responders
Do not inhale gases / fumes / aerosols.
Wear protective equipment. Keep unprotected persons away.
6.2 Environmental precautions:
Do not allow to penetrate the ground/soil.
Inform respective authorities in case of seepage into water course or sewage system.
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 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.

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See Section 13 for disposal information.

SECTION 7: Handling and storage

7.1 Precautions for safe handling Ensure good ventilation/exhaustion at the workplace.
Information about fire - and explosion protection:

Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.
Highly volatile, flammable constituents are released during processing.
Fumes can combine with air to form an explosive mixture.

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.
Observe local/state/federal regulations.
Further information about storage conditions:
Store receptacle in a well ventilated area.
Keep container tightly sealed.
Store in cool, dry conditions in well sealed receptacles.
Protect from frost.
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:
The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

DNELs		
CAS: 540-84-1 2,2,4-trimethylpentane		
Oral	DNEL	699 mg/kg (consumer) (longterm systematic effects)
Dermal	DNEL	699 mg/kg (consumer) (longterm systematic effects)
		773 mg/kg (worker) (longterm systematic effects)
Inhalative	DNEL	608 mg/m³ (consumer) (longterm systematic effects)
		2,035 mg/m³ (worker) (longterm systematic 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.
Individual protection measures, such as 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.
Avoid contact with the skin.
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.

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Recommended Filter type: Combined filter type ABEK-P2 (certain inorganic, organic and acidic gases and 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: ≥ 0.3 mm
Penetration time of glove material >480min.
Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.4 mm
Penetration time of glove material: 10-30min
[EN 374]
Penetration time of glove material
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	138-174 °C (CAS: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics)
Flammability	Flammable liquid and vapour.
Lower and upper explosion limit	
Lower:	0.7 Vol % (CAS: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics)
Upper:	6 Vol % (CAS: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics)
Flash point:	29 °C (DIN 51755)
Decomposition temperature:	Not determined.
pH	Not applicable.
Viscosity:	
Kinematic viscosity at 40 °C	<20.5 mm²/s
Dynamic:	Not determined.
Solubility	
water:	Not miscible or difficult to mix.
Partition coefficient n-octanol/water (log value)	Not determined.
Vapour pressure at 20 °C:	~3 hPa (CAS: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics)
Density and/or relative density	
Density at 20 °C:	0.75-0.77 g/cm³
Vapour density	Not determined.

9.2 Other information

Appearance:	
Form:	Fluid
Important information on protection of health and environment, and on safety.	
Auto-ignition temperature:	Not determined.
Explosive properties:	Product is not explosive. However, formation of explosive air/vapour mixtures are possible.
Change in condition	
Evaporation rate	Not determined.

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Information with regard to physical hazard classes	
Explosives	Void
Flammable gases	Void
Aerosols	Void
Oxidising gases	Void
Gases under pressure	Void
Flammable liquids	
Flammable liquid and vapour.	
Flammable solids	Void
Self-reactive substances and mixtures	Void
Pyrophoric liquids	Void
Pyrophoric solids	Void
Self-heating substances and mixtures	Void
Substances and mixtures, which emit flammable gases in contact with water	Void
Oxidising liquids	Void
Oxidising solids	Void
Organic peroxides	Void
Corrosive to metals	Void
Desensitised explosives	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 No dangerous reactions known.
10.4 Conditions to avoid
Keep ignition sources away - Do not smoke.
See Section 7 for information on safe handling.
10.5 Incompatible materials:
acids
caustic solutions
strong oxidizing agents
10.6 Hazardous decomposition products:
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: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>5.6 mg/l (rat) (OECD 403)
CAS: 540-84-1 2,2,4-trimethylpentane		
Oral	LD50	>5,000 mg/kg (rat) (OECD 401)
Dermal	LD50	>2,000 mg/kg (rabbit) (OECD 402)
Inhalative	LC50 / 4h	>33.52 mg/l (rat) (OECD 403)

Skin corrosion/irritation Causes skin irritation.

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.

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

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
Viscosity: < 20,5mm²/s (40°C)
May be fatal if swallowed and enters airways.

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

Aquatic toxicity:	
CAS: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics	
LC50 / 2 d	>1,000 mg/l (Daphnia magna) (OECD 202)
NOEC / 3 d	1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
LC50 / 4 d	>1,000 mg/l (Oncorhynchus mykiss) (OECD 203)
NOEC / 21 d	<1 mg/l (Daphnia magna) (OECD 211)
NOEC / 28d	0.192 mg/l (Oncorhynchus mykiss)
EC50 / 3 d	>1,000 mg/l (Pseudokirchneriella subcapitata) (OECD 201)
CAS: 540-84-1 2,2,4-trimethylpentane	
NOEC / 3 d	0.658 mg/l (Pseudokirchneriella subcapitata)
LC50 / 4 d	18.4 mg/l (Oncorhynchus mykiss) (OECD 203)
NOEC / 21 d	0.17 mg/l (Daphnia magna) (OECD 211)
NOEC / 28d	0.82 mg/l (Oncorhynchus mykiss)
EC50 / 2 d	0.4 mg/l (Daphnia magna)
EC50 / 3 d	2,943 mg/l (Pseudokirchneriella subcapitata)

12.2 Persistence and degradability	
CAS: 90622-57-4 Hydrocarbons, C10-C12, isoalkanes, < 2%aromatics	
Biodegradation	31.3 %
CAS: 540-84-1 2,2,4-trimethylpentane	
Biodegradation	22 %

12.3 Bioaccumulative potential	
CAS: 540-84-1 2,2,4-trimethylpentane	
log Kow	4.08

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

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12.7 Other adverse effects
Additional ecological information:
General notes: *Do not allow product to reach ground water, water course or sewage system.*

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 hazardous substances*
HP3	*Flammable*
HP5	*Specific Target Organ Toxicity (STOT)/Aspiration Toxicity*
HP14	*Ecotoxic*

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	*UN3295*
14.2 UN proper shipping name	
ADR/RID/ADN	*3295 HYDROCARBONS, LIQUID, N.O.S.*
IMDG, IATA	*HYDROCARBONS, LIQUID, N.O.S.*
14.3 Transport hazard class(es)	
ADR/RID/ADN, IMDG, IATA	

Class	*3 Flammable liquids.*
Label	*3*
14.4 Packing group	
ADR/RID/ADN, IMDG, IATA	*III*
14.5 Environmental hazards:	
Marine pollutant:	*Yes*
	>5l: Symbol (fish and tree)
Special marking (ADR/RID/ADN):	*>5l: Symbol (fish and tree)*
Special marking (IATA):	*>5l: Symbol (fish and tree)*
14.6 Special precautions for user	*Warning: Flammable liquids.*
14.7 Maritime transport in bulk according to IMO instruments	*Not applicable.*
Transport/Additional information:	
ADR/RID/ADN	
Limited quantities (LQ)	*5L*
Transport category	*3*
Tunnel restriction code	*D/E*
UN "Model Regulation":	*UN 3295 HYDROCARBONS, LIQUID, N.O.S., 3, III*

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SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
European Directives:
Directive 2010/75/EU (VOC) *90.60 %*
Catégorie SEVESO (DIRECTIVE 2012/18/EU)
E2 Hazardous to the Aquatic Environment
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.

Relevant phrases
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H304 May be fatal if swallowed and enters airways.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
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.
EUH066 Repeated exposure may cause skin dryness or cracking.

Classification according to Regulation (EC) No 1272/2008	
Flammable liquids	*On basis of test data*
Skin corrosion/irritation *Serious eye damage/eye irritation* *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 = letal 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)
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

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