

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

1.1 Product identifier

Profilgummikleber
Article number: 93870 / 93835

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

1.2.1 Relevant uses

Adhesive

1.2.2 Uses advised against

None known.

1.3 Details of the supplier of the safety data sheet

Company
PETEC Verbindungstechnik GmbH
Wüstenbuch 26
96132 Schlüsselfeld / GERMANY
Phone +49 (0) 9555 80994-0
Fax +49 (0) 9555-80994-25
Homepage www.petec.de
E-mail info@petec.de

Address enquiries to

Technical information info@petec.de

Safety Data Sheet sdb@chemiebuero.de

1.4 Emergency telephone number

Advisory body +49 (0)89-19240 (24h) (English)

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture [REGULATION (EC) No 1272/2008]

Flam. Liq. 2: H225 Highly flammable liquid and vapour.
Eye Irrit. 2: H319 Causes serious eye irritation.
STOT SE 3: H336 May cause drowsiness or dizziness.
Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects.

2.2 Label elements

The product is required to be labelled in accordance with regulation (EC) No 1272/2008 (CLP).	
Hazard pictograms	  
Signal word	DANGER
Contains:	Ethyl acetate Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane Acetone
Hazard statements	H225 Highly flammable liquid and vapour. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. 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 / spray. P271 Use only outdoors or in a well-ventilated area. P280 Wear eye protection / face protection. P405 Store locked up. P501 Dispose of contents/container in accordance with local/national regulation.
Special labelling	This product is not to be used under conditions of poor ventilation. This product is not to be used for carpet laying. EUH066 Repeated exposure may cause skin dryness or cracking.

2.3 Other hazards

	none
Human health dangers	If swallowed or in the event of vomiting, risk of product entering the lungs.
Environmental hazards	Does not contain any PBT or vPvB substances.
Other hazards	Further hazards were not determined with the current level of knowledge.

SECTION 3: Composition / Information on ingredients

Product-type:

3.2 The product is a mixture.

Range [%]	Substance
25 - < 50	Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane
	EINECS/ELINCS: 926-605-8, Reg-No.: 01-2119486291-36-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Aquatic Chronic 2: H411 - Asp. Tox. 1: H304 - STOT SE 3: H336 -
25 - < 50	Ethyl acetate
	CAS: 141-78-6, EINECS/ELINCS: 205-500-4, EU-INDEX: 607-022-00-5, Reg-No.: 01-2119475103-46-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
5 - < 10	Acetone
	CAS: 67-64-1, EINECS/ELINCS: 200-662-2, EU-INDEX: 606-001-00-8, Reg-No.: 01-2119471330-49-XXXX
	GHS/CLP: Flam. Liq. 2: H225 - Eye Irrit. 2: H319 - STOT SE 3: H336
0,1 - < 0,25	Cyclohexane
	CAS: 110-82-7, EINECS/ELINCS: 203-806-2, EU-INDEX: 601-017-00-1
	GHS/CLP: Flam. Liq. 2: H225 - Asp. Tox. 1: H304 - Skin Irrit. 2: H315 - STOT SE 3: H336 - Aquatic Acute 1: H400 - Aquatic Chronic 1: H410, M_acute = 1

Comment on component parts

Substances of Very High Concern - SVHC: substances are not contained or are below 0.1%.
 For full text of H-statements: see SECTION 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

General information	Take off contaminated clothing and wash before reuse.
Inhalation	Ensure supply of fresh air. In the event of symptoms seek medical treatment.
Skin contact	In case of contact with skin wash off immediately with soap and water. Consult a doctor if skin irritation persists.
Eye contact	Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.
Ingestion	Consult a doctor immediately. Do not induce vomiting. Rinse out mouth and give plenty of water to drink.

4.2 Most important symptoms and effects, both acute and delayed

Headache
Dizziness
Vertigo
Gastro-intestinal complains.
Irritant effects

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.
Forward this sheet to the doctor.

SECTION 5: Fire-fighting measures

5.1 Extinguishing media

Suitable extinguishing media	Carbon dioxide. Water spray jet. Dry powder. Alcohol-resistant foam.
Extinguishing media that must not be used	Full water jet.

5.2 Special hazards arising from the substance or mixture

Risk of formation of toxic pyrolysis products.
Carbon monoxide (CO)

5.3 Advice for firefighters

Use self-contained breathing apparatus.
Cool containers at risk with water spray jet.
Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from all sources of ignition.
Ensure adequate ventilation.
High risk of slipping due to leakage/spillage of product.
Use personal protective equipment.

6.2 Environmental precautions

Prevent spread over a wide area (e.g. by containment or oil barriers).
Do not discharge into the drains/surface waters/groundwater.
In case the product spills into drains/surface waters/groundwater, immediately inform the authorities.

6.3 Methods and material for containment and cleaning up

Take up with absorbent material (e.g. sand).

Dispose of absorbed material in accordance within the regulations.

6.4 Reference to other sections

See SECTION 8+13

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Use only in well-ventilated areas.

Provide good room ventilation even at ground level (vapours are heavier than air).

Use solvent-resistant equipment.

Take precautionary measures against static discharges.

Keep away from all sources of ignition - Refrain from smoking.

Vapours can form an explosive mixture with air.

Do not eat, drink, smoke or take drugs at work.

Wash hands before breaks and after work.

Use barrier skin cream.

7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.

Provide solvent-resistant and impermeable floor.

Do not store together with oxidizing agents.

Keep container tightly closed.

Keep container in a well-ventilated place.

Protect from heat/overheating.

7.3 Specific end use(s)

See product use, SECTION 1.2

SECTION 8: Exposure controls / personal protection
8.1 Control parameters

 Ingredients with occupational
exposure limits to be monitored (GB)

not applicable

DNEL

Substance
Acetone, CAS: 67-64-1
Industrial, inhalative, Long-term - systemic effects: 1210 mg/m ³ .
Industrial, dermal, Long-term - systemic effects: 186 mg/kg bw/d.
Industrial, inhalative, Long-term - local effects: 2420 mg/m ³ .
general population, dermal, Long-term - systemic effects: 62 mg/kg bw/d.
general population, oral, Long-term - systemic effects: 62 mg/kg bw/d.
general population, inhalative, Long-term - systemic effects: 200 mg/m ³ .
Ethyl acetate, CAS: 141-78-6
Industrial, inhalative, Acute - systemic effects: 1468 mg/m ³ .
Industrial, dermal, Long-term - systemic effects: 63 mg/kg bw/d.
Industrial, inhalative, Long-term - local effects: 734 mg/m ³ .
Industrial, inhalative, Acute - local effects: 1468 mg/m ³ .
Industrial, inhalative, Long-term - systemic effects: 734 mg/m ³ .
general population, dermal, Long-term - systemic effects: 37 mg/kg bw/d.
general population, inhalative, Acute - local effects: 734 mg/m ³ .
general population, inhalative, Acute - systemic effects: 734 mg/m ³ .
general population, inhalative, Long-term - local effects: 367 mg/m ³ .
general population, inhalative, Long-term - systemic effects: 367 mg/m ³ .
general population, oral, Long-term - systemic effects: 4,5 mg/kg bw/d.

PNEC

Substance
Acetone, CAS: 67-64-1
sewage treatment plants (STP), 100 mg/L.
soil, 29,5 mg/kg soil dw.
sediment (seawater), 3,04 mg/kg sediment dw.
sediment (freshwater), 30,4 mg/kg sediment dw.
seawater, 1,06 mg/L.
freshwater, 10,6 mg/L.
Ethyl acetate, CAS: 141-78-6
sewage treatment plants (STP), 650 mg/L.
oral (food), 0,2 g/kg.
soil, 0,148 mg/kg soil dw.
sediment (seawater), 0,115 mg/kg sediment dw.
sediment (freshwater), 1,15 mg/kg sediment dw.
seawater, 0,024 mg/L.
freshwater, 0,24 mg/L.

8.2 Exposure controls

Additional advice on system design	Ensure adequate ventilation on workstation.
Eye protection	Safety glasses. (EN 166:2001)
Hand protection	The details concerned are recommendations. Please contact the glove supplier for further information. Butyl rubber, >120 min (EN 374-1/-2/-3). Polyvinyl alcohol (PVA)
Skin protection	Protective clothing (EN 340)
Other	Avoid contact with eyes and skin. Do not inhale vapours. Personal protective equipment should be selected specifically for the working place, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier.
Respiratory protection	Respiratory protection mask in the event of high concentrations. Short term: filter apparatus, filter A. (DIN EN 14387)
Thermal hazards	not applicable
Delimitation and monitoring of the environmental exposition	See SECTION 6+7.

SECTION 9: Physical and chemical properties**9.1 Information on basic physical and chemical properties**

Form	liquid
Color	red-brown
Odor	ester-like
Odour threshold	No information available.
pH-value	not applicable
pH-value [1%]	not applicable
Boiling point [°C]	50 - 60
Flash point [°C]	-22 (ISO 1523)
Flammability (solid, gas) [°C]	No information available.
Lower explosion limit	1,2 Vol. %
Upper explosion limit	13 Vol. %
Oxidising properties	no
Vapour pressure/gas pressure [kPa]	< 11 (20°C)
Density [g/ml]	0,9 (20 °C / 68,0 °F)
Bulk density [kg/m³]	not applicable
Solubility in water	virtually insoluble
Partition coefficient [n-octanol/water]	not determined
Viscosity	21 cSt (40°C)
Relative vapour density determined in air	No information available.
Evaporation speed	No information available.
Melting point [°C]	No information available.
Autoignition temperature [°C]	No information available.
Decomposition temperature [°C]	No information available.

9.2 Other information

No information available.

SECTION 10: Stability and reactivity**10.1 Reactivity**

No dangerous reactions known if used as directed.

10.2 Chemical stability

Stable under normal ambient conditions (ambient temperature).

10.3 Possibility of hazardous reactions

Evolution of explosive gases/vapours.
Reactions with strong oxidizing agents.

10.4 Conditions to avoid

Keep away from open flames, hot surfaces and sources of ignition.

10.5 Incompatible materials

Oxidizing agent

10.6 Hazardous decomposition products

Flammable gases/vapours.

SECTION 11: Toxicological information**11.1 Information on toxicological effects****Acute toxicity**

Product
inhalative, Based on the available information, the classification criteria are not fulfilled.:
dermal, Based on the available information, the classification criteria are not fulfilled.:
oral, Based on the available information, the classification criteria are not fulfilled.:
Substance
Cyclohexane, CAS: 110-82-7
LD50, dermal, Rabbit: > 2000 mg/kg (IUCLID).
LD50, oral, Rat: > 5000 mg/kg (IUCLID).
Acetone, CAS: 67-64-1
LD50, dermal, Rabbit: > 15800 mg/kg.
LD50, oral, Rat: 5800 mg/kg (OECD 401).
LC50, inhalative, Rat: 76 mg/l (4h).
Hydrocarbons, C6-C7, isoalkanes, cyclics, < 5% n-hexane
LD50, dermal, Rabbit: >2000 mg/kg bw.
LD50, oral, Rat: >5000 mg/kg bw.
LC50, inhalative, Rat: >12 ppm (4h).
Ethyl acetate, CAS: 141-78-6
LD50, dermal, Rabbit: >20000 mg/kg bw.
LD50, oral, Rat: 5620 mg/kg bw.
LC50, inhalative, Rat: 58 mg/l (8 h).

Serious eye damage/irritation	Toxicological data of complete product are not available. Irritant Calculation method
Skin corrosion/irritation	Based on the available information, the classification criteria are not fulfilled.
Respiratory or skin sensitisation	Based on the available information, the classification criteria are not fulfilled.
Specific target organ toxicity — single exposure	Toxicological data of complete product are not available. Vapours may cause drowsiness and dizziness. Calculation method
Specific target organ toxicity — repeated exposure	Based on the available information, the classification criteria are not fulfilled.
Mutagenicity	Based on the available information, the classification criteria are not fulfilled.
Reproduction toxicity	Based on the available information, the classification criteria are not fulfilled.
Carcinogenicity	Based on the available information, the classification criteria are not fulfilled.
Aspiration hazard	Based on the available information, the classification criteria are not fulfilled.
General remarks	Toxicological data of complete product are not available. The toxicity data listed pertaining to the ingredients are intended for those working in the medicinal professions, experts for occupational health and safety and toxicologists.

SECTION 12: Ecological information

12.1 Toxicity

Substance
Cyclohexane, CAS: 110-82-7
LC50, (96h), fish: 93,0 - 117 mg/l (IUCLID).
EC50, (48h), Daphnia magna: 3,78 mg/l (IUCLID).
Acetone, CAS: 67-64-1
LC50, (48h), Daphnia pulex: 8800 mg/l.
LC50, (96h), Oncorhynchus mykiss: 5540 mg/l.
NOEC, (28d), Daphnia magna: 2212 mg/l.
NOEC, (96h), Algae: 430 mg/l.
Ethyl acetate, CAS: 141-78-6
LC50, (96h), Pimephales promelas: 230 mg/l.
EC50, (48h), Desmodesmus subspicatus: 5600 mg/L.
EC50, (48h), Daphnia magna: 165 mg/L.
NOEC, (72h), Desmodesmus subspicatus: >100 mg/L.
NOEC, (21d), Daphnia magna: 2,4 mg/L.

12.2 Persistence and degradability

Behaviour in environment compartments	not determined
Behaviour in sewage plant	not determined
Biological degradability	not determined

12.3 Bioaccumulative potential

No information available.

12.4 Mobility in soil

No information available.

12.5 Results of PBT and vPvB assessment

Does not contain a relevant substance that meets the classification criteria.

12.6 Other adverse effects

Ecological data of complete product are not available.
 The product is insoluble in water.
 Do not discharge product unmonitored into the environment.

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Waste material c It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Dispose of as hazardous waste.

Disposal in an incineration plant in accordance with the regulations of the local authorities.

Waste no. (recommended)

080409*

140603*

Contaminated packaging

Uncontaminated packaging may be taken for recycling.

Packaging that cannot be cleaned should be disposed of as for product.

Waste no. (recommended)

150110*

150102

150104

SECTION 14: Transport information

14.1 UN number

Transport by land according to 1133
ADR/RID

Inland navigation (ADN) 1133

Marine transport in accordance with 1133
IMDG

Air transport in accordance with IATA 1133

14.2 UN proper shipping name

Transport by land according to ADR/RID

Adhesives

- Classification Code

F1

- Label



- ADR LQ

5 I

- ADR 1.1.3.6 (8.6)

Transport category (tunnel restriction code) 2 (D/E)

Inland navigation (ADN)

Adhesives

- Classification Code

F1

- Label



Marine transport in accordance with IMDG

Adhesives (contains Hydrocarbons, C6-C7, Isoalkanes, Cyclics (< 5% n-hexane))

- EMS

F-E, S-D

- Label



- IMDG LQ

5 I

Air transport in accordance with IATA Adhesives

- Label

**14.3 Transport hazard class(es)**

Transport by land according to ADR/RID

3

Inland navigation (ADN)

3

Marine transport in accordance with IMDG

3

Air transport in accordance with IATA

3

14.4 Packing group

Transport by land according to ADR/RID

II

Inland navigation (ADN)

II

Marine transport in accordance with IMDG

II

Air transport in accordance with IATA

II

14.5 Environmental hazards

Transport by land according to ADR/RID yes

Inland navigation (ADN) yes

Marine transport in accordance with IMDG MARINE POLLUTANT

Air transport in accordance with IATA yes

14.6 Special precautions for user

Relevant information under SECTION 6 to 8.

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

not determined

SECTION 15: Regulatory information**15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

EEC-REGULATIONS	1991/689 (2001/118); 2010/75; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2016/2037/EC); (EU) 2015/830; (EU) 2016/131; (EU) 517/2014
TRANSPORT-REGULATIONS	ADR (2019); IMDG-Code (2019, 39. Amdt.); IATA-DGR (2019)
NATIONAL REGULATIONS (GB):	EH40/2005 Workplace exposure limits (Second edition, published December 2011).
- Observe employment restrictions for people	Observe employment restrictions for mothers-to-be and nursing mothers. Observe employment restrictions for young people.
- VOC (2010/75/CE)	ca. 72,8 %

15.2 Chemical safety assessment

Chemical safety assessments for substances in this mixture were not carried out.

SECTION 16: Other information**16.1 Hazard statements (SECTION 03)**

H410 Very toxic to aquatic life with long lasting effects.
 H400 Very toxic to aquatic life.
 H315 Causes skin irritation.
 H304 May be fatal if swallowed and enters airways.
 H411 Toxic to aquatic life with long lasting effects.
 H336 May cause drowsiness or dizziness.
 H319 Causes serious eye irritation.
 H225 Highly flammable liquid and vapour.

16.2 Abbreviations and acronyms:

ADR = Accord européen relatif au transport international des marchandises Dangereuses par Route
 RID = Règlement concernant le transport international ferroviaire de marchandises dangereuses
 ADN = Accord européen relatif au transport international des marchandises dangereuses par voie de navigation intérieure
 ATE = acute toxicity estimate
 CAS = Chemical Abstracts Service
 CLP = Classification, Labelling and Packaging
 DMEL = Derived Minimum Effect Level
 DNEL = Derived No Effect Level
 EC50 = Median effective concentration
 ECB = European Chemicals Bureau
 EEC = European Economic Community
 EINECS = European Inventory of Existing Commercial Chemical Substances
 ELINCS = European List of Notified Chemical Substances
 GHS = Globally Harmonized System of Classification and Labelling of Chemicals
 IATA = International Air Transport Association
 IBC-Code = International Code for the Construction and Equipment of Ships carrying Dangerous Chemicals in Bulk
 IC50 = Inhibition concentration, 50%
 IMDG = International Maritime Code for Dangerous Goods
 IUCLID = International Uniform Chemical Information Database
 LC50 = Lethal concentration, 50%
 LD50 = Median lethal dose
 LC0 = lethal concentration, 0%
 LOAEL = lowest-observed-adverse-effect level
 MARPOL = International Convention for the Prevention of Marine Pollution from Ships
 NOAEL = No Observed Adverse Effect Level
 NOEC = No Observed Effect Concentration
 PBT = Persistent, Bioaccumulative and Toxic substance
 PNEC = Predicted No-Effect Concentration
 REACH = Registration, Evaluation, Authorisation and Restriction of Chemicals
 STP = Sewage Treatment Plant
 TLV®/TWA = Threshold limit value – time-weighted average
 TLV®STEL = Threshold limit value – short-time exposure limit
 VOC = Volatile Organic Compounds
 vPvB = very Persistent and very Bioaccumulative

16.3 Other information**Customs Tariff**

not determined

Classification procedure

Flam. Liq. 2: H225 Highly flammable liquid and vapour. (On basis of test data)
 Eye Irrit. 2: H319 Causes serious eye irritation. (Calculation method)
 STOT SE 3: H336 May cause drowsiness or dizziness. (Calculation method)
 Aquatic Chronic 2: H411 Toxic to aquatic life with long lasting effects. (Calculation method)

Modified position

none

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