

# SAFETY DATA SHEET

according to Regulation (EC) No 1907/2006 (REACH) as amended

## PPF Gel

Creation date 31st August 2020  
Revision date Version 1.0

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

- 1.1. Product identifier** Organic PPF Gel  
Substance / mixture mixture
- 1.2. Relevant identified uses of the substance or mixture and uses advised against**  
Mixture's intended use Automotive coating installation gel.  
Mixture uses advised against The product should not be used in ways other than those referred in Section 1.  
EuPCS PC-PNT-5
- 1.3. Details of the supplier of the safety data sheet**  
**Manufacturer**  
Name or trade name: WrapGear.nl  
Address  
Elementweg 3, 4706NN Roosendaal The Netherlands  
Identification number (CRN) 01 09 072008  
VAT Reg No: NL865033110B01  
Phone +31 85 130 25 81  
E-mail [info@wrapgear.nl](mailto:info@wrapgear.nl)  
Web address [www.wrapgear.nl](http://www.wrapgear.nl)  
**Competent person responsible for the safety data sheet**  
Name Roger Danen  
E-mail [info@wrapgear.nl](mailto:info@wrapgear.nl)
- 1.4. Emergency telephone number**  
National Health Service (NHS) 111  
National poisoning information centre Scotland, NHS 24: 111

### SECTION 2: Hazards identification

- 2.1. Classification of the substance or mixture**  
**Classification of the mixture in accordance with Regulation (EC) No 1272/2008**  
The mixture is not classified as dangerous according to Regulation (EC) No 1272/2008.  
Full text of all classifications and hazard statements is given in the section 16.  
**Most serious adverse physico-chemical effects**  
Do NOT mix with other products!  
**Most serious adverse effects on human health and the environment**  
Spontaneous reaction is not possible. Inhalation: May cause irritation if sensitized.  
After swallowing: May cause gastrointestinal irritation if sensitized.  
After skin contact: May cause irritation if sensitized.
- 2.2. Label elements**  
**Precautionary statements**  
P102 Keep out of reach of children.  
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
P312 Call a POISON CENTER/doctor if you feel unwell.  
P332+P313 If skin irritation occurs: Get medical advice/attention.
- 2.3. Other hazards**  
Mixture does not contain any substance meet the criteria for PBT or vPvB in accordance with Annex XIII of Regulation (EC) No. 1907/2006 (REACH) as amended.

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### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

**Mixture contains these hazardous substances and substances with the highest permissible concentration in the working environment**

Identification numbers	Substance name	Content in % weight	Classification according to Regulation (EC) No 1272/2008	Note
Index: 603-002-00-5 CAS: 64-17-5 EC: 200-578-6 Registration number: 01-2119457610-43	ethanol	<5	Flam. Liq. 2, H225	1
Index: 603-117-00-0 CAS: 67-63-0 EC: 200-661-7 Registration number: 01-2119457558-25	propan-2-ol	<2,5	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H336	1

#### Notes

1 Substance for which exposure limits of Community for working environment exist.

Full text of all classifications and hazard statements is given in the section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

Take care of your own safety. If any health problems are manifested or if in doubt, inform a doctor and show him information from this safety data sheet.

##### If inhaled

Terminate the exposure immediately; move the affected person to fresh air.

##### If on skin

Remove contaminated clothes.

##### If in eyes

Rinse eyes immediately with a flow of running water, open the eyelids (also using force if needed); remove contact lenses immediately if worn by the affected person.

##### If swallowed

Rinse out the mouth with clean water. In the event of issues, find medical help.

#### 4.2. Most important symptoms and effects, both acute and delayed

##### If inhaled

Not expected.

##### If on skin

Not expected.

##### If in eyes

Not expected.

##### If swallowed

Not expected.

#### 4.3. Indication of any immediate medical attention and special treatment needed

Symptomatic treatment. Healing based on symptoms.

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### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

##### Suitable extinguishing media

Accommodate extinguishing components to the location of fire.

##### Unsuitable extinguishing media

Not defined.

#### 5.2. Special hazards arising from the substance or mixture

In the event of fire, carbon monoxide, carbon dioxide and other toxic gases may arise. Inhalation of hazardous degradation (pyrolysis) products may cause serious health damage.

#### 5.3. Advice for firefighters

Self-Contained Breathing Apparatus (SCBA) with chemical resistant gloves. Use a self-contained breathing apparatus and full-body protective clothing.

### SECTION 6: Accidental release measures

#### 6.1. Personal precautions, protective equipment and emergency procedures

Follow the instructions in the Sections 7 and 8.

#### 6.2. Environmental precautions

Prevent contamination of the soil and entering surface or ground water.

#### 6.3. Methods and material for containment and cleaning up

After removal of the product, wash the contaminated site with plenty of water.

#### 6.4. Reference to other sections

See the Section 7, 8 and 13.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Prevent formation of gases and vapours in concentrations exceeding the occupational exposure limits. Use personal protective equipment as per Section 8. Observe valid legal regulations on safety and health protection.

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

Store in tightly closed containers in cold, dry and well ventilated areas designated for this purpose.

Storage class

12 - Other non-combustible liquids

Content

Installation gel

Material of package

HDPE (2), High-density (linear) polyethylene (Plastics)



Storage temperature

min 5 °C, max 30 °C

Quantity limit under established storage conditions

500 ml, 0,75 l, 1 l, 5 l, 10, 20 l, 25 l, 100 l, 200 l, 1000 l.

#### The specific requirements or rules relating to the substance/mixture

Do not store together with food, drink and animal feed.

#### 7.3. Specific end use(s)

Can be used for 2 years from production. Users must be familiar with the operating instructions.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

The mixture contains substances for which occupational exposure limits are set.

United Kingdom of Great Britain and Northern Ireland

EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Substance name (component)	Type	Value
ethanol (CAS: 64-17-5)	WEL 8h	1920 mg/m <sup>3</sup>
	WEL 8h	1000 ppm
propan-2-ol (CAS: 67-63-0)	WEL 8h	999 mg/m <sup>3</sup>

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WEL 8h

400 ppm

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United Kingdom of Great Britain and Northern Ireland

EH40/2005 Workplace exposure limits (Fourth Edition 2020)

Substance name (component)	Type	Value
propan-2-ol (CAS: 67-63-0)	WEL 15min	1250 mg/m <sup>3</sup>
	WEL 15min	500 ppm

### 8.2. Exposure controls

Do not eat, drink and smoke during work. Wash your hands thoroughly with water and soap after work and before breaks for a meal and rest.

#### Eye/face protection

It is not needed.

#### Skin protection

When handling in long-term or repeatedly, use protective gloves.

#### Respiratory protection

Halfmask with a filter against organic vapours or a self-contained breathing apparatus as appropriate if exposure limit values of substances are exceeded or in a poorly ventilated environment.

#### Thermal hazard

Not available.

#### Environmental exposure controls

Observe usual measures for protection of the environment, see Section 6.2.

#### More information

Care should be taken to avoid direct contact with the product, skin and eye contact, accidental ingestion and spillage. It is forbidden to eat or smoke while working. Hand breaks and hot water after work should be provided during breaks. After that, the hands should be smeared with skin protection cream

## SECTION 9: Physical and chemical properties

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

Appearance	gel
Physical state	liquid at 20°C
color	clear
Odour	neutral
Odour threshold	data not available
pH	7 (undiluted)
Melting point/freezing point	data not available
Initial boiling point and boiling range	data not available
Flash point	data not available
Evaporation rate	data not available
Flammability (solid, gas)	data not available
Upper/lower flammability or explosive limits	
flammability limits	data not available
explosive limits	data not available
Vapour pressure	data not available
Vapour density	data not available
Relative density	data not available
Solubility(ies)	
solubility in water	data not available
solubility in fats	data not available
Partition coefficient: n-octanol/water	data not available
Auto-ignition temperature	data not available
Decomposition temperature	data not available
Viscosity	data not available
Explosive properties	data not available
Oxidising properties	data not available

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### 9.2. Other information

Density 0.98 g/cm<sup>3</sup>  
ignition temperature data not available  
none

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

When used in the standard way, there is not any dangerous reaction with other substances.

### 10.2. Chemical stability

The product is stable under normal conditions.

### 10.3. Possibility of hazardous reactions

Corrosive to metals, toxic gases are formed on contact with acids. Reacts with strong acids and oxidants reacts with light metals and metals heavy metals and their salts catalyze the decomposition.

### 10.4. Conditions to avoid

The product is stable and no degradation occurs under normal use. Protect against flames, sparks, overheating and against frost.

### 10.5. Incompatible materials

Protect against strong acids, bases and oxidizing agents.

### 10.6. Hazardous decomposition products

Not developed under normal uses. Dangerous outcomes such as carbon monoxide and carbon dioxide are formed at high temperature and in fire.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

No toxicological data is available for the mixture.

#### Acute toxicity

Based on available data the classification criteria are not met.

ethanol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Inhalation (vapor)	LC <sub>50</sub>		124.7 mg/l	4 hour	Rat	
Oral	LD Lo		7000 mg/kg bw		Rat	
Inhalation (vapor)	LC <sub>50</sub>		116.9 mg/l	4 hour	Rat	
Inhalation (vapor)	LC <sub>50</sub>		133.8 mg/l	4 hour	Rat	

propan-2-ol

Route of exposure	Parameter	Method	Value	Time of exposure	Species	Sex
Oral	LD <sub>50</sub>		5.84 mg/kg		Rat	
Inhalation (vapor)	LC <sub>50</sub>	OECD 403	>10000 ppm	6 hour	Rat	F/M

#### Skin corrosion/irritation

Based on available data the classification criteria are not met.

#### Serious eye damage/irritation

Based on available data the classification criteria are not met.

ethanol

Route of exposure	Result	Method	Time of exposure	Species
	Irritating			Rabbit

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propan-2-ol

Route of exposure	Result	Method	Time of exposure	Species
Eye	Serious eye damage	OECD 405		Rabbit

### Respiratory or skin sensitisation

Based on available data the classification criteria are not met.

propan-2-ol

Route of exposure	Result	Time of exposure	Species	Sex
	Not sensitizing		Guinea-pig	F/M

### Mutagenicity

propan-2-ol

Result	Time of exposure	Specific target organ	Species	Sex
Negative without metabolic regeneration, Negative with metabolic regeneration		Ovary	Guinea-pig	F/M

### Germ cell mutagenicity

Based on available data the classification criteria are not met.

### Carcinogenicity

Based on available data the classification criteria are not met.

ethanol

Route of exposure	Parameter	Value	Result	Species	Sex
Oral			Indeterminate	Rat	

### Reproductive toxicity

Based on available data the classification criteria are not met.

ethanol

Effect	Parameter	Value	Result	Species	Sex
Effects on fertility	NOAEL	> 16000 ppm	No effect	Rat	
	NOAEL	5200 mg/kg/24hour	Indeterminate	Rat	

### Toxicity for specific target organ - single exposure

Based on available data the classification criteria are not met.

ethanol

Route of exposure	Parameter	Value	Time of exposure	Specific target organ	Result	Species	Sex
Inhalation	LOAEL	2.6 mg/l	30 min	Nervous system	Drowsiness, Dizziness	Human	
Inhalation	LOAEL	9.4 mg/l		Lungs	Indeterminate	Human	

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### Toxicity for specific target organ - repeated exposure

Based on available data the classification criteria are not met.

propan-2-ol

Route of exposure	Parameter	Value	Result	Species	Sex
Inhalation (vapor)	NOEC	500 ppm		Rat ( <i>Rattus norvegicus</i> )	F/M

### Aspiration hazard

Inhalation of solvent vapors above values exceeding exposure limits for working environment may result in acute inhalation poisoning, depending on the level of concentration and exposure time. Based on available data the classification criteria are not met.

### More information

The mixture has not been subjected to toxicological studies and the toxicological evaluation has been performed only for the individual components.

## SECTION 12: Ecological information

### 12.1. Toxicity

#### Acute toxicity

Data for the mixture are not available.

ethanol

Parameter	Value	Time of exposure	Species	Environment	Determining method
EC <sub>0</sub>	3.9 g/l	200 hour	Fishes		Experimentally
EC <sub>50</sub>	>10000 mg/l	48 hour	Daphnia		Experimentally
IC <sub>50</sub>	8800 mg/l	96 hour	Algae		Experimentally

propan-2-ol

Parameter	Value	Time of exposure	Species	Environment	Determining method
EC <sub>50</sub>	>10000 mg/l	48 hour	Daphnia ( <i>Daphnia magna</i> )		
LC <sub>50</sub>	9640 mg/l	96 hour	Fishes	Freshwater	

#### Chronic toxicity

ethanol

Parameter	Value	Time of exposure	Species	Environment	Determining method
LC <sub>50</sub>	9248 mg/l	48 hour	Invertebrates		Experimentally
NOEC	250 mg/l	120 hour	Fishes ( <i>Oncorhynchus mykiss</i> )		Experimentally
NOEC	1000 mg/l	120 hour	Fishes		Experimentally

#### More information

The mixture has not been subjected to ecological studies, and ecological evaluation has been carried out solely on the basis of the individual component data.

### 12.2. Persistence and degradability

Data not available. Not available.

### 12.3. Bioaccumulative potential

Not available.

### 12.4. Mobility in soil

Not available.

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### 12.5. Results of PBT and vPvB assessment

Product does not contain any substance meeting the criteria for PBT or vPvB in accordance with the Annex XIII of Regulation (EC) No 1907/2006 (REACH) as amended.

### 12.6. Other adverse effects

Not available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

Hazard of environmental contamination; dispose of the waste in accordance with the local and/or national regulations. Proceed in accordance with valid regulations on waste disposal. Any unused product and contaminated packaging should be put in labelled containers for waste collection and submitted for disposal to a person authorised for waste removal (a specialized company) that is entitled for such activity. Do not empty unused product in drainage systems. The product must not be disposed of with municipal waste. Empty containers may be used at waste incinerators to produce energy or deposited in a dump with appropriate classification. Perfectly cleaned containers can be submitted for recycling.

### Waste management legislation

Directive 2008/98/EC of the European Parliament and of the Council of 19 November 2008 on waste, as amended. Decision 2000/532/EC establishing a list of wastes, as amended.

### Packaging waste type code

15 01 10 packaging containing residues of or contaminated by hazardous substances \*

(\*) - Hazardous waste according to Directive 2008/98/EC on hazardous waste

## SECTION 14: Transport information

### 14.1. UN number

Not subject to ADR

### 14.2. UN proper shipping name

not available

### 14.3. Transport hazard class(es)

not available

### 14.4. Packing group

not available

### 14.5. Environmental hazards

not available

### 14.6. Special precautions for user

Reference in the Sections 4 to 8.

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

not available

## SECTION 15: Regulatory information

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

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 as amended. Environmental Protection Act 1990 as amended. Clean Air Act 1993 as amended. Regulation (EC) No. 1907/2006 of the European Parliament and of the Council of 18th December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing the European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No. 793/93 and Commission Regulation (EC) No. 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, as amended. Regulation (EC) No. 1272/2008 of the European Parliament and of the Council of 16th December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No. 1907/2006, as amended.

### 15.2. Chemical safety assessment

not available

## SECTION 16: Other information

### A list of standard risk phrases used in the safety data sheet

H225 Highly flammable liquid and vapour.

H319 Causes serious eye irritation.

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H336 May cause drowsiness or dizziness.

### Guidelines for safe handling used in the safety data sheet

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

P332+P313 If skin irritation occurs: Get medical advice/attention.

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

P102 Keep out of reach of children.

### Other important information about human health protection

The product must not be - unless specifically approved by the manufacturer/importer - used for purposes other than as per the Section 1. The user is responsible for adherence to all related health protection regulations.

### Key to abbreviations and acronyms used in the safety data sheet

ADR European agreement concerning the international carriage of dangerous goods by road  
BCF Bioconcentration Factor  
CAS Chemical Abstracts Service  
CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substance and mixtures  
DNEL Derived no-effect level  
EC Identification code for each substance listed in EINECS  
EC<sub>50</sub> Concentration of a substance when it is affected 50% of the population  
EINECS European Inventory of Existing Commercial Chemical Substances  
EmS Emergency plan  
EU European Union  
IATA International Air Transport Association  
IBC International Code For The Construction And Equipment of Ships Carrying Dangerous Chemicals  
IC<sub>50</sub> Concentration causing 50% blockade  
ICAO International Civil Aviation Organization  
IMDG International Maritime Dangerous Goods  
INCI International Nomenclature of Cosmetic Ingredients  
ISO International Organization for Standardization  
IUPAC International Union of Pure and Applied Chemistry  
LC<sub>50</sub> Lethal concentration of a substance in which it can be expected death of 50% of the population  
LD<sub>50</sub> Lethal dose of a substance in which it can be expected death of 50% of the population  
LOAEC Lowest observed adverse effect concentration  
LOAEL Lowest observed adverse effect level  
log K<sub>ow</sub> Octanol-water partition coefficient  
MARPOL International Convention for the Prevention of Pollution From Ships  
NOAEC No observed adverse effect concentration  
NOAEL No observed adverse effect level  
NOEC No observed effect concentration  
NOEL No observed effect level  
OEL Occupational Exposure Limits  
PBT Persistent, Bioaccumulative and Toxic  
PNEC Predicted no-effect concentration  
ppm Parts per million  
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals  
RID Agreement on the transport of dangerous goods by rail  
UN Four-figure identification number of the substance or article taken from the UN Model Regulations  
UVCB Substances of unknown or variable composition, complex reaction products or biological materials  
VOC Volatile organic compounds  
vPvB Very Persistent and very Bioaccumulative

Eye Irrit. Eye irritation

Flam. Liq. Flammable liquid

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STOT SE                      Specific target organ toxicity - single exposure  
Without classification    Without classification

### Training guidelines

Inform the personnel about the recommended ways of use, mandatory protective equipment, first aid and prohibited ways of handling the product.

### Recommended restrictions of use

not available

### Information about data sources used to compile the Safety Data Sheet

REGULATION (EC) No. 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL (REACH) as amended.  
REGULATION (EC) No. 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL as amended. Data from the manufacturer of the substance / mixture, if available - information from registration dossiers.

### More information

Classification procedure - calculation method.

### Statement

The safety data sheet provides information aimed at ensuring safety and health protection at work and environmental protection. The provided information corresponds to the current status of knowledge and experience and complies with valid legal regulations. The information should not be understood as guaranteeing the suitability and usability of the product for a particular application.