

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 1 of 10

**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

PPF &amp; Film Application GEL - gebrauchsfertig

**Further trade names**

SF10501.1 / SF10501.2

**1.2. Relevant identified uses of the substance or mixture and uses advised against****Use of the substance/mixture**

Lubricants, greases, release products

**1.3. Details of the supplier of the safety data sheet**

Company name: ServFaces GmbH  
 Street: Zeppelinstraße 2-4  
 Place: D-72488 Sigmaringen  
 Telephone: +49 7571 6894 0  
 E-mail: info@servfaces.de  
 Contact person: Jörg Reents Telephone: +49 7571 6894 0  
 E-mail: info@servfaces.de  
 Internet: www.servfaces.de  
 Responsible Department: Giftinformationszentrum Mainz / 24h Deutsch & Englisch

**1.4. Emergency telephone number:**

+49 6131 / 19240 (24h)

**SECTION 2: Hazards identification****2.1. Classification of the substance or mixture****Regulation (EC) No 1272/2008**

This mixture is not classified as hazardous in accordance with Regulation (EC) No 1272/2008.

**2.2. Label elements****Regulation (EC) No 1272/2008****Hazard statements**

EUH210 Safety data sheet available on request.

**2.3. Other hazards**

The substances in the mixture do not meet the PBT/vPvB criteria according to REACH, annex XIII.

**SECTION 3: Composition/information on ingredients****3.2. Mixtures****Relevant ingredients**

CAS No	Chemical name	Quantity
	EC No	Index No
	REACH No	
	Classification (Regulation (EC) No 1272/2008)	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	2,5 -< 10 %
	200-661-7	603-117-00-0
	01-2119457558-25	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336	

Full text of H and EUH statements: see section 16.

## Safety Data Sheet

### PPF & Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 2 of 10

#### Specific Conc. Limits, M-factors and ATE

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
67-63-0	200-661-7	propan-2-ol; isopropyl alcohol; isopropanol	2,5 -< 10 %
		inhalation: LC50 = 30 mg/l (vapours); dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	

#### SECTION 4: First aid measures

##### 4.1. Description of first aid measures

###### General information

First aider: Pay attention to self-protection!  
When in doubt or if symptoms are observed, get medical advice.

###### After inhalation

Provide fresh air. If experiencing respiratory symptoms: Call a doctor.

###### After contact with skin

Wash with plenty of water. Take off contaminated clothing and wash it before reuse. In case of skin reactions, consult a physician.

###### After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

###### After ingestion

Observe risk of aspiration if vomiting occurs. Do NOT induce vomiting. If swallowed, rinse mouth with water (only if the person is conscious). When in doubt or if symptoms are observed, get medical advice.

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

No information available.

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

Treat symptomatically.

#### SECTION 5: Firefighting measures

##### 5.1. Extinguishing media

###### Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

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

Non-flammable.  
In case of fire may be liberated: Pyrolysis products, toxic

##### 5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus. Full protection suit.

###### Additional information

Use water spray jet to protect personnel and to cool endangered containers. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

#### SECTION 6: Accidental release measures

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

###### General advice

Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

###### For non-emergency personnel

Provide adequate ventilation. Use personal protection equipment.

###### For emergency responders

Personal protection equipment: see section 8

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 3 of 10

**6.2. Environmental precautions**

Avoid release to the environment.

**6.3. Methods and material for containment and cleaning up****For containment**

Stop leak if safe to do so. Cover drains.

**For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Collect in closed and suitable containers for disposal.

**Other information**

Clean contaminated articles and floor according to the environmental legislation.

Special danger of slipping by leaking/spilling product.

**6.4. Reference to other sections**

Safe handling: see section 7

Personal protection equipment: see section 8

Disposal: see section 13

**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Advice on safe handling**

Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes.

Use personal protection equipment.

**Advice on protection against fire and explosion**

Usual measures for fire prevention.

**Advice on general occupational hygiene**

Take off contaminated clothing. Draw up and observe skin protection programme. Wash hands before breaks and after work. When using do not eat, drink, smoke, sniff.

**7.2. Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed in a cool, well-ventilated place. Keep container dry.

**Hints on joint storage**

Keep away from food, drink and animal feedingstuffs.

**Further information on storage conditions**

Protect against: Heat, Frost.

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

Lubricants, greases, release products

**SECTION 8: Exposure controls/personal protection****8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
67-63-0	Propan-2-ol	400	999		TWA (8 h)	WEL
		500	1250		STEL (15 min)	WEL

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 4 of 10

**DNEL/DMEL values**

CAS No	Substance		
DNEL type	Exposure route	Effect	Value
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol		
Worker DNEL, long-term	dermal	systemic	888 mg/kg bw/day
Worker DNEL, long-term	inhalation	systemic	500 mg/m <sup>3</sup>

**PNEC values**

CAS No	Substance	
Environmental compartment	Value	
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	
Freshwater	140,9 mg/l	
Freshwater (intermittent releases)	140,9 mg/l	
Marine water	140,9 mg/l	
Freshwater sediment	552 mg/kg	
Marine sediment	552 mg/kg	
Secondary poisoning	160 mg/kg	
Microorganisms in sewage treatment plants (STP)	2251 mg/l	
Soil	28 mg/kg	

**8.2. Exposure controls****Appropriate engineering controls**

Provide adequate ventilation as well as local exhaustion at critical locations.

**Individual protection measures, such as personal protective equipment****Eye/face protection**

Handling larger quantities (Filling and transfer): Wear eye protection/face protection. EN ISO 16321 (EN 166)

**Hand protection**

Handling larger quantities (Filling and transfer): Wear suitable gloves. (EN ISO 374)

When handling with chemical substances, protective gloves must be worn with the CE-label including the four control digits. The quality of the protective gloves resistant to chemicals must be chosen as a function of the specific working place concentration and quantity of hazardous substances. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

**Skin protection**

Wear suitable protective clothing.

**Respiratory protection**

Usually no personal respirative protection necessary.

Respiratory protection necessary at: insufficient ventilation, aerosol or mist formation, exceeding exposure limit values

**Thermal hazards**

No information available.

**Environmental exposure controls**

Avoid release to the environment.

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

Physical state: Liquid (Gel)  
 Colour: clear, transparent

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 5 of 10

Odour:	characteristic	
Odour threshold:	not determined	
Melting point/freezing point:		not determined
Boiling point or initial boiling point and boiling range:		not determined
Flammability:		Non-flammable.
Lower explosion limits:		not determined
Upper explosion limits:		not determined
Flash point:		> 61 °C
Auto-ignition temperature:		not determined
Decomposition temperature:		not determined
pH-Value:		7,0 - 7,5
Viscosity / kinematic: (at 40 °C)		> 20,5 mm <sup>2</sup> /s
Water solubility:		miscible
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:		not determined
Vapour pressure:		not determined
Density:		0,995 g/cm <sup>3</sup>
Relative vapour density:		not determined
Particle characteristics:		not applicable

**9.2. Other information****Other safety characteristics**

Viscosity / dynamic:  
(at 40 °C) 450 - 500 mPa·s

**Further Information**

No information available.

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

No hazardous reaction when handled and stored according to provisions.

**10.2. Chemical stability**

The product is stable under storage at normal ambient temperatures.

**10.3. Possibility of hazardous reactions**

No known hazardous reactions.

**10.4. Conditions to avoid**

Protect against: Heat, Frost.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

In case of fire may be liberated: Pyrolysis products, toxic

**SECTION 11: Toxicological information****11.1. Information on hazard classes****Acute toxicity**

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

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 6 of 10

**ATEmix calculated**

ATE (oral) > 2000 mg/kg; ATE (dermal) > 2000 mg/kg; ATE (inhalation vapour) > 20 mg/l; ATE (inhalation dust/mist) > 5 mg/l

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol				
	oral	LD50 > 2000 mg/kg	Rat	Manufacturer	
	dermal	LD50 > 2000 mg/kg	Rabbit	Manufacturer	
	inhalation (4 h) vapour	LC50 30 mg/l	Rat	Manufacturer	

**Irritation and corrosivity**

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

Serious eye damage/eye irritation: Based on available data, the classification criteria are not met.

**Sensitising effects**

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

**Carcinogenic/mutagenic/toxic effects for reproduction**

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**

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.

**Information on likely routes of exposure**

oral, Skin contact, Eye contact.

aerosol or mist formation: Inhalation

**11.2. Information on other hazards****Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to humans as no components meets the criteria.

**SECTION 12: Ecological information****12.1. Toxicity**

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

The product is not: Ecotoxic.

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol					
	Acute fish toxicity	LC50 > 100 mg/l	96 h	Leuciscus idus (golden orfe)	Manufacturer	
	Acute algae toxicity	ErC50 > 1000 mg/l	72 h	Scenedesmus subspicatus	Manufacturer	
	Acute crustacea toxicity	EC50 13299 mg/l	48 h	Daphnia magna (Big water flea)	Manufacturer	

**12.2. Persistence and degradability**

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 7 of 10

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol			
	Biodegradation (Activated sludge)	53 %	5	Manufacturer
	Readily biodegradable (according to OECD criteria).			

**12.3. Bioaccumulative potential**

The product has not been tested.

**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
67-63-0	propan-2-ol; isopropyl alcohol; isopropanol	0,05

**12.4. Mobility in soil**

The product has not been tested.

**12.5. Results of PBT and vPvB assessment**

The substances in the mixture do not meet the PBT/vPvB criteria according to UK REACH.

**12.6. Endocrine disrupting properties**

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

**12.7. Other adverse effects**

No information available.

**Further information**

Avoid release to the environment.

**SECTION 13: Disposal considerations****13.1. Waste treatment methods****Disposal recommendations**

Do not allow to enter into soil/subsoil. Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Completely emptied packages can be recycled. Handle contaminated packages in the same way as the substance itself.

**SECTION 14: Transport information****Land transport (ADR/RID)****14.1. UN number or ID number:**

No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:**

No dangerous good in sense of these transport regulations.

**14.3. Transport hazard class(es):**

No dangerous good in sense of these transport regulations.

**14.4. Packing group:**

No dangerous good in sense of these transport regulations.

**Inland waterways transport (ADN)****14.1. UN number or ID number:**

No dangerous good in sense of these transport regulations.

**14.2. UN proper shipping name:**

No dangerous good in sense of these transport regulations.

**14.3. Transport hazard class(es):**

No dangerous good in sense of these transport regulations.

**14.4. Packing group:**

No dangerous good in sense of these transport regulations.

**Marine transport (IMDG)****14.1. UN number or ID number:**

No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:**

No dangerous good in sense of this transport regulation.

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 8 of 10

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**Air transport (ICAO-TI/IATA-DGR)**

**14.1. UN number or ID number:** No dangerous good in sense of this transport regulation.

**14.2. UN proper shipping name:** No dangerous good in sense of this transport regulation.

**14.3. Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**14.4. Packing group:** No dangerous good in sense of this transport regulation.

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

No information available.

**14.7. Maritime transport in bulk according to IMO instruments**

not applicable

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

Restrictions on use (REACH, annex XVII):

Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: < 5 %

Information according to Directive 2012/18/EU (SEVESO III): Not subject to 2012/18/EU (SEVESO III)

**National regulatory information**

Employment restrictions: Observe restrictions to employment for juveniles according to the 'juvenile work protection guideline' (94/33/EC).

Water hazard class (D): 1 - slightly hazardous to water

**Additional information**

Observe in addition any national regulations!

**15.2. Chemical safety assessment**

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

**SECTION 16: Other information**

## Safety Data Sheet

## PPF &amp; Film Application GEL - gebrauchsfertig

Revision: 04.04.2026

Product code: SF10501

Page 9 of 10

**Abbreviations and acronyms**

Flam. Liq. 2: Flammable liquids, hazard category 2  
 Eye Irrit. 2: Eye irritation, hazard category 2  
 STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3  
 CAS: Chemical Abstracts Service  
 CLP: Classification, Labelling and Packaging  
 EU: European Union  
 GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
 REACH: Registration, Evaluation and Authorization of Chemicals  
 UN: United Nations  
 PBT: Persistent, Bioaccumulative, Toxic  
 SVHC: Substance of Very High Concern  
 vPvB: very Persistent, very Bioaccumulative  
 ATE: Acute Toxicity Estimates  
 BCF: Bio-Concentration Factor  
 DMEL: Derived Minimal Effect Level  
 DNEL: Derived No Effect Level  
 PNEC: Predicted No Effect Concentration  
 VOC: Volatile Organic Compounds  
 DIN: Deutsches Institut für Normung e.V. (German Institute for Standardization)  
 EN: European Standard  
 ISO: International Organization for Standardization  
 IUCLID: International Uniform Chemical Information Database  
 LC50: Lethal Concentration, 50 %  
 LD50: Lethal Dose, 50 %  
 LL50: Lethal Loading, 50 %  
 OECD: Organisation for Economic Co-operation and Development  
 EC50: Effective Concentration 50 %  
 M-Faktor: Multiplication Factor  
 EL50: Effect Loading, 50 %  
 ErC50: Effective Concentration 50 %, growth rate  
 M-Faktor: Multiplication Factor  
 NOEC: No Observed Effect Concentration  
 ADN: Accord européen relatif au transport international des marchandises Dangereuses par voies de Navigation intérieures (European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways)  
 ADR: Accord européen sur le transport des marchandises Dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)  
 DGR: Dangerous Goods Regulations  
 EmS: Emergency Schedules  
 IATA: International Air Transport Association  
 IBC: Intermediate Bulk Container  
 ICAO: International Civil Aviation Organization  
 IE: Industrial Emissions  
 IMDG: International Maritime Code for Dangerous Goods  
 LQ: Limited Quantity  
 MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
 MFAG: Medical First Aid Guide  
 RID: Regulations concerning the International carriage of Dangerous goods by rail  
 TI: Technical Instructions

**Key literature references and sources for data**

For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety assessment, chapter R.20 (Table of terms and abbreviations). (v.1.2, 2013)

**Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.

**Safety Data Sheet****PPF & Film Application GEL - gebrauchsfertig**

Revision: 04.04.2026

Product code: SF10501

Page 10 of 10

H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
EUH210	Safety data sheet available on request.

**Further Information**

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

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*(The data for the relevant ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*