



**Industrial adhesive spray**

Revision: 21.05.2026

Page 1 of 18

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

**1.1. Product identifier**

Industrial adhesive spray

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

**Use of the substance/mixture**

Aerosol - Adhesives, sealants

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

Company name:	Friedrich Huber aeronova GmbH & Co.	
Street:	Sobrigauer Weg 4	
Place:	D-01257 Dresden	
Telephone:	0049-(0)351-27046-0	Telefax: 0049-(0)351-2704616
E-mail:	info@aeronova.de	
Contact person:	Labor	Telephone: 0049-(0)351-2704615
E-mail:	labor@aeronova.de	
Internet:	www.aeronova.de	

**1.4. Emergency telephone number:** 0049-(0)351-27046-0

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture**

**Regulation (EC) No 1272/2008**

Aerosol 1; H222-H229  
Skin Irrit. 2; H315  
Eye Irrit. 2; H319  
Skin Sens. 1; H317  
STOT SE 3; H336  
Asp. Tox. 1; H304  
Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

**2.2. Label elements**

**Regulation (EC) No 1272/2008**

**Hazard components for labelling**

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane  
Rosin; Colophony  
acetone; propan-2-one; propanone

**Signal word:** Danger

**Pictograms:**



**Hazard statements**

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.



**Industrial adhesive spray**

Revision: 21.05.2026

Page 2 of 18

H336 May cause drowsiness or dizziness.  
H412 Harmful 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.  
P211 Do not spray on an open flame or other ignition source.  
P251 Do not pierce or burn, even after use.  
P271 Use only outdoors or in a well-ventilated area.  
P280 Wear protective gloves/protective clothing and eye protection/face protection.  
P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
P501 Dispose of contents/container to in accordance with local/regional/national/international regulation.

**2.3. Other hazards**

In case of insufficient ventilation and/or through use, explosive/highly flammable mixtures may develop.

**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)	
115-10-6	dimethyl ether	60 - < 65 %
	204-065-8      603-019-00-8      01-2119472128-37	
	Flam. Gas 1, Press. Gas (Liq.); H220 H280	
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	12.5 - < 15 %
	921-024-6      01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411	
8050-09-7	Rosin; Colophony	5 - < 10 %
	232-475-7      650-015-00-7      01-2119480418-32	
	Skin Sens. 1; H317	
67-64-1	acetone; propan-2-one; propanone	5 - < 10 %
	200-662-2      606-001-00-8      01-2119471330-49	
	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066	
110-54-3	n-Hexane	0,1 - < 1 %
	203-777-6      601-037-00-0      01-2119480412-44	
	Flam. Liq. 2, Repr. 2, Skin Irrit. 2, STOT SE 3, STOT RE 1, Asp. Tox. 1, Aquatic Chronic 2; H225 H361f H315 H336 H372 H304 H411	
1314-13-2	Zinc oxide	0.1 - < 0.5 %
	215-222-5      030-013-00-7      01-2119463881-32	
	Aquatic Acute 1, Aquatic Chronic 1; H400 H410	

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



**Industrial adhesive spray**

Revision: 21.05.2026

Page 3 of 18

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

CAS No	EC No	Chemical name	Quantity
		Specific Conc. Limits, M-factors and ATE	
115-10-6	204-065-8	dimethyl ether	60 - < 65 %
		inhalation: LC50 = 164000 ppm (gases)	
	921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	12.5 - < 15 %
		inhalation: LC50 = > 25,2 mg/l (vapours); dermal: LD50 = >2920 mg/kg; oral: LD50 = >5840 mg/kg	
8050-09-7	232-475-7	Rosin; Colophony	5 - < 10 %
		dermal: LD50 = > 2000 mg/kg; oral: LD50 = > 2000 mg/kg	
67-64-1	200-662-2	acetone; propan-2-one; propanone	5 - < 10 %
		inhalation: LC50 = 76 mg/l (vapours); dermal: LD50 = 20000 mg/kg; oral: LD50 = 5800 mg/kg	
1314-13-2	215-222-5	Zinc oxide	0.1 - < 0.5 %
		inhalation: LC50 = > 5,7 mg/l (dusts or mists); dermal: LD50 = >2000 mg/kg; oral: LD50 = > 5000 mg/kg Aquatic Acute 1; H400: M=1 Aquatic Chronic 1; H410: M=1	

**Further Information**

n-hexane is a component of the hydrocarbon

**SECTION 4: First aid measures**

**4.1. Description of first aid measures**

**General information**

When in doubt or if symptoms are observed, get medical advice.  
If medical advice is needed, have product container or label at hand.

**After inhalation**

Provide fresh air. If breathing is irregular or stopped, administer artificial respiration. In case of respiratory tract irritation, consult a physician.

**After contact with skin**

Take off immediately all contaminated clothing and wash it before reuse. After contact with skin, wash immediately with plenty of water and soap. In case of skin irritation, consult a physician.

**After contact with eyes**

After contact with the eyes, rinse with water with the eyelids open for a sufficient length of time, then consult an ophthalmologist immediately.

**After ingestion**

Observe risk of aspiration if vomiting occurs. If accidentally swallowed rinse the mouth with plenty of water (only if the person is conscious) and obtain immediate medical attention.

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

Symptoms may develop several hours following exposure; medical observation therefore necessary for at least 48 hours.

**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**

Water spray jet, Carbon dioxide (CO<sub>2</sub>), Foam, Extinguishing powder.

**Unsuitable extinguishing media**

Full water jet



**Industrial adhesive spray**

Revision: 21.05.2026

Page 4 of 18

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

Extremely flammable aerosol. Pressurized container: May burst if heated. Vapours can form explosive mixtures with air.

**5.3. Advice for firefighters**

Wear a self-contained breathing apparatus and chemical protective clothing. Full protection suit.

**Additional information**

Use water spray jet to protect personnel and to cool endangered containers. Suppress gases/vapours/mists with water spray jet. Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**SECTION 6: Accidental release measures**

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

**General advice**

Remove all sources of ignition. Provide adequate ventilation. Do not breathe gas/fumes/vapour/spray. Avoid contact with skin, eyes and clothes. Use personal protection equipment.

**For non-emergency personnel**

Ventilate affected area. Remove persons to safety. Remove all sources of ignition.

**For emergency responders**

Wear breathing apparatus if exposed to vapours/dusts/aerosols.

**6.2. Environmental precautions**

Do not allow uncontrolled discharge of product into the environment. Explosion risk.

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

**For cleaning up**

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

**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**

Do not pierce or burn, even after use. If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/vapour/aerosol. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

**Advice on protection against fire and explosion**

Do not spray on naked flames or any incandescent material. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F. Keep away from sources of ignition - No smoking. Take precautionary measures against static discharges. Vapours can form explosive mixtures with air.

**Advice on general occupational hygiene**

Remove contaminated, saturated clothing immediately. Draw up and observe skin protection programme.

Wash hands and face before breaks and after work and take a shower if necessary. When using do not eat, drink, smoke, sniff.

**Further information on handling**

Heating causes rise in pressure with risk of bursting.

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

**Requirements for storage rooms and vessels**

Keep locked up. Store in a place accessible by authorized persons only. Provide adequate ventilation as well



**Industrial adhesive spray**

Revision: 21.05.2026

Page 5 of 18

as local exhaustion at critical locations. Keep in a cool, well-ventilated place. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

**Hints on joint storage**

Do not store together with: Oxidizing agent. Pyrophoric or self-heating substances.

**Further information on storage conditions**

Keep away from food, drink and animal feedingstuffs.

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

Adhesives, sealants

**SECTION 8: Exposure controls/personal protection**

**8.1. Control parameters**

**Occupational exposure limit values**

CAS No	Name of agent	ppm	mg/m <sup>3</sup>	fib/cm <sup>3</sup>	Category	Origin
67-64-1	Acetone	500	1210		TWA (8 h)	
115-10-6	Dimethylether	1000	1920		TWA (8 h)	
110-54-3	n-Hexane	20	72		TWA (8 h)	



**Industrial adhesive spray**

Revision: 21.05.2026

Page 6 of 18

**DNEL/DMEL values**

CAS No	Name of agent		
DNEL type	Exposure route	Effect	Value
115-10-6	dimethyl ether		
Consumer DNEL, long-term	inhalation	systemic	471 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	systemic	1894 mg/m <sup>3</sup>
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane		
Consumer DNEL, long-term	oral	systemic	699 mg/kg bw/day
Consumer DNEL, long-term	dermal	systemic	699 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	608 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	773 mg/kg bw/day
Worker DNEL, acute	inhalation	systemic	2035 mg/m <sup>3</sup>
8050-09-7	Rosin; Colophony		
Worker DNEL, long-term	inhalation	local	10 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	2,131 mg/kg bw/day
67-64-1	acetone; propan-2-one; propanone		
Worker DNEL, long-term	inhalation	systemic	1210 mg/m <sup>3</sup>
Worker DNEL, acute	inhalation	local	2420 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	186 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	200 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	62 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	62 mg/kg bw/day
110-54-3	n-Hexane		
Worker DNEL, long-term	inhalation	systemic	75 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	11 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	16 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	5,3 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	4 mg/kg bw/day
1314-13-2	Zinc oxide		
Worker DNEL, long-term	inhalation	systemic	5 mg/m <sup>3</sup>
Worker DNEL, long-term	inhalation	local	0,5 mg/m <sup>3</sup>
Worker DNEL, long-term	dermal	systemic	83 mg/kg bw/day
Consumer DNEL, long-term	inhalation	systemic	2,5 mg/m <sup>3</sup>
Consumer DNEL, long-term	dermal	systemic	83 mg/kg bw/day
Consumer DNEL, long-term	oral	systemic	0,83 mg/kg bw/day



**Industrial adhesive spray**

Revision: 21.05.2026

Page 7 of 18

**PNEC values**

CAS No	Name of agent		Value
Environmental compartment			
115-10-6	dimethyl ether		
Freshwater			0,155 mg/l
Freshwater (intermittent releases)			1,549 mg/l
Marine water			0,016 mg/l
Freshwater sediment			0,681 mg/kg
Marine sediment			0,069 mg/kg
Microorganisms in sewage treatment plants (STP)			160 mg/l
Soil			0,045 mg/kg
8050-09-7	Rosin; Colophony		
Freshwater			0,002 mg/l
Marine water			0 mg/l
Freshwater sediment			0,007 mg/kg
Marine sediment			0,001 mg/kg
Microorganisms in sewage treatment plants (STP)			1000 mg/l
Soil			0 mg/kg
67-64-1	acetone; propan-2-one; propanone		
Freshwater			10,6 mg/l
Freshwater (intermittent releases)			21 mg/l
Marine water			1,06 mg/l
Freshwater sediment			30,4 mg/kg
Marine sediment			3,04 mg/kg
Microorganisms in sewage treatment plants (STP)			100 mg/l
Soil			29,5 mg/kg
1314-13-2	Zinc oxide		
Freshwater			0,0206 mg/l
Marine water			0,0061 mg/l
Freshwater sediment			118 mg/kg
Marine sediment			56,5 mg/kg
Microorganisms in sewage treatment plants (STP)			0,100 mg/l
Soil			35,6 mg/kg

**8.2. Exposure controls**

**Appropriate engineering controls**

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means. Do not breathe gas/vapour/aerosol.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection**

Wear eye protection/face protection. Suitable eye protection: goggles. EN ISO 16321

**Hand protection**

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.

Suitable material: Butyl caoutchouc (butyl rubber) EN ISO 374



**Industrial adhesive spray**

Revision: 21.05.2026

Page 8 of 18

Thickness of the glove material: 0,5 mm

Breakthrough time: >=240 min

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 anti-static footwear and clothing

**Respiratory protection**

In case of inadequate ventilation wear respiratory protection. Suitable respiratory protection apparatus:  
Combination filtering device A-P2 EN 14387

**SECTION 9: Physical and chemical properties**

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

Physical state: Liquid  
Colour: yellow, transparent  
Odour: like: Solvent

**Test method**

Melting point/freezing point:	not applicable
Boiling point or initial boiling point and boiling range:	< -20 °C
Flammability:	not determined
Lower explosion limits:	2,6 vol. %
Upper explosion limits:	26,2 vol. %
Flash point:	< -20 °C
Auto-ignition temperature:	> 200 °C
Decomposition temperature:	not determined
pH-Value:	not applicable
Viscosity / kinematic:	not applicable
Water solubility: (at 20 °C)	practically insoluble
Solubility in other solvents not determined	
Partition coefficient n-octanol/water:	not determined
Vapour pressure:	not determined
Density (at 20 °C):	0,708 g/cm <sup>3</sup> calculated.
Relative vapour density:	not determined
Particle characteristics:	not applicable

**9.2. Other information**

**Information with regard to physical hazard classes**

Explosive properties

Heating may cause an explosion. In use, may form flammable/explosive vapour-air mixture.

Sustained combustibility:

No data available

Oxidizing properties

The product is not: oxidising.

**Other safety characteristics**

Evaporation rate:

not determined

Solid content:

not determined

**SECTION 10: Stability and reactivity**

**10.1. Reactivity**

Extremely flammable aerosol. Pressurized container: May burst if heated.



**Industrial adhesive spray**

Revision: 21.05.2026

Page 9 of 18

**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**

Keep away from sources of heat (e.g. hot surfaces), sparks and open flames. Vapours can form explosive mixtures with air.

**10.5. Incompatible materials**

No information available.

**10.6. Hazardous decomposition products**

No known hazardous decomposition products.

**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.

**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



**Industrial adhesive spray**

Revision: 21.05.2026

Page 10 of 18

CAS No	Chemical name				
	Exposure route	Dose	Species	Source	Method
115-10-6	dimethyl ether				
	inhalation (4 h) gas	LC50 164000 ppm	Rat	REACH Registration Dossier	OECD Guideline 403
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane				
	oral	LD50 >5840 mg/kg	Rat		OECD 401
	dermal	LD50 >2920 mg/kg	Rabbit		OECD 402
	inhalation (4 h) vapour	LC50 > 25,2 mg/l	Rat		OECD 403
8050-09-7	Rosin; Colophony				
	oral	LD50 > 2000 mg/kg	Rat	Study report (2010)	OECD Guideline 423
	dermal	LD50 > 2000 mg/kg	Rat	Study report (2009)	OECD Guideline 402
67-64-1	acetone; propan-2-one; propanone				
	oral	LD50 5800 mg/kg	Rat	RTECS	
	dermal	LD50 20000 mg/kg	Rabbit	IUCLID	
	inhalation (4 h) vapour	LC50 76 mg/l	Rat		
1314-13-2	Zinc oxide				
	oral	LD50 > 5000 mg/kg	Rat	ECHA	OECD 401
	dermal	LD50 >2000 mg/kg	Rat		OECD 402
	inhalation (4 h) dust/mist	LC50 > 5,7 mg/l	Rat	ECHA	OECD 403

**Irritation and corrosivity**

Skin corrosion/irritation: Causes skin irritation.

Serious eye damage/eye irritation: Causes serious eye irritation.

**Sensitising effects**

May cause an allergic skin reaction. (Rosin; Colophony)

**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**

May cause drowsiness or dizziness. (Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane)

**STOT-repeated exposure**

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

**Aspiration hazard**

May be fatal if swallowed and enters airways.

**11.2. Information on other hazards**

**Endocrine disrupting properties**

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

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



**Industrial adhesive spray**

Revision: 21.05.2026

Page 11 of 18

**Further information**

The mixture is classified as hazardous according to regulation (EC) No 1272/2008 [CLP].

**SECTION 12: Ecological information**

**12.1. Toxicity**

Harmful to aquatic life with long lasting effects.



**Industrial adhesive spray**

Revision: 21.05.2026

Page 12 of 18

CAS No	Chemical name					
	Aquatic toxicity	Dose	[h]   [d]	Species	Source	Method
115-10-6	dimethyl ether					
	Acute fish toxicity	LC50 mg/l	> 4100	96 h	Poecilia reticulata	REACH Registration Dossier other: NEN 6504 Water - Determination of
	Acute algae toxicity	ErC50 mg/l	154,917	96 h	green algae	REACH Registration Dossier other: Data generated using ECOSAR v1.00
	Acute crustacea toxicity	EC50 mg/l	> 4400	48 h		REACH Registration Dossier other: NEN6501: Water -Determination of
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane					
	Acute fish toxicity	LL50	11,4 mg/l	96 h	Oncorhynchus mykiss (previous name: Salmo gairdner)	REACH Registration Dossier OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	30-100	72 h	Raphidocelis subcapitata (previous names: Pseudoki)	REACH Registration Dossier OECD Guideline 201
	Acute crustacea toxicity	EL50	3 mg/l	48 h		REACH Registration Dossier OECD Guideline 202
	Crustacea toxicity	NOEC	1 mg/l	21 d		REACH Registration Dossier OECD Guideline 211
8050-09-7	Rosin; Colophony					
	Acute fish toxicity	LL50 mg/l	> 1000	96 h	Leuciscus idus	Study report (1994) OECD Guideline 203
	Acute algae toxicity	ErC50 mg/l	> 100	72 h	Desmodesmus subspicatus	Study report (2010) EU Method C.3
	Acute crustacea toxicity	EL50 mg/l	> 100	48 h		Study report (2010) OECD Guideline 202
	Acute bacteria toxicity	EC50 mg/l ( )	> 10000	3 h	activated sludge of a predominantly domestic sewage	Study report (1997) OECD Guideline 209
67-64-1	acetone; propan-2-one; propanone					
	Acute fish toxicity	LC50 mg/l	5540	96 h	Oncorhynchus mykiss	
	Acute crustacea toxicity	EC50 mg/l	6100	48 h	Daphnia magna	
110-54-3	n-Hexane					
	Acute fish toxicity	LC50	2,5 mg/l	96 h	Pimephales promelas	Geiger et al. 1990
1314-13-2	Zinc oxide					
	Acute fish toxicity	LC50 mg/l	0,17	96 h		
	Acute algae toxicity	ErC50	136 mg/l	72 h		
	Acute crustacea toxicity	EC50 mg/l	0,41	48 h		
	Fish toxicity	NOEC mg/l	0,04	30 d		
	Algae toxicity	NOEC mg/l	0,011	5 d		



**Industrial adhesive spray**

Revision: 21.05.2026

Page 13 of 18

	Crustacea toxicity	NOEC mg/l	0,07	21 d		
--	--------------------	--------------	------	------	--	--

**12.2. Persistence and degradability**

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane			
	Biodegradation	98%	28	
	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
115-10-6	dimethyl ether	0,07
	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, <5% n-hexane	4-5,1
8050-09-7	Rosin; Colophony	> 3 - 6
67-64-1	acetone; propan-2-one; propanone	-0,24
110-54-3	n-Hexane	3,9

**BCF**

CAS No	Chemical name	BCF	Species	Source
8050-09-7	Rosin; Colophony	140	Hyridella menziesi	Environmental toxico

**12.4. Mobility in soil**

The product has not been tested.

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

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

**12.6. Endocrine disrupting properties**

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

**12.7. Other adverse effects**

No further relevant information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**SECTION 13: Disposal considerations**

**13.1. Waste treatment methods**

**Disposal recommendations**

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

**List of Wastes Code - residues/unused products**

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing hazardous substances; hazardous waste

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.



Industrial adhesive spray

Revision: 21.05.2026

Page 14 of 18

SECTION 14: Transport information

Land transport (ADR/RID)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0  
Transport category: 2  
Tunnel restriction code: D

Inland waterways transport (ADN)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2  
**14.4. Packing group:** -  
Hazard label: 2.1



Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1 L  
Excepted quantity: E0

Marine transport (IMDG)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1



Special Provisions: 63, 190, 277, 327, 344, 381, 959  
Limited quantity: 1000 mL  
Excepted quantity: E0  
EmS: F-D, S-U

Air transport (ICAO-TI/IATA-DGR)

**14.1. UN number or ID number:** UN 1950  
**14.2. UN proper shipping name:** AEROSOLS, FLAMMABLE  
**14.3. Transport hazard class(es):** 2.1  
**14.4. Packing group:** -  
Hazard label: 2.1



**Industrial adhesive spray**

Revision: 21.05.2026

Page 15 of 18



Special Provisions:	A145 A167 A802
Limited quantity Passenger:	30 kg G
Passenger LQ:	Y203
Excepted quantity:	E0
IATA-packing instructions - Passenger:	203
IATA-max. quantity - Passenger:	75 kg
IATA-packing instructions - Cargo:	203
IATA-max. quantity - Cargo:	150 kg

**14.5. Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: No

**14.6. Special precautions for user**

Warning: Flammable gases.

**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**

Authorisations (REACH, annex XIV):

Substances of very high concern, SVHC (REACH, article 59):  
n-Hexane

Restrictions on use (REACH, annex XVII):

Entry 3, Entry 40, Entry 75

Directive 2010/75/EU on industrial emissions: 94,709 % (670,536 g/l)

Directive 2004/42/EC on VOC in paints and varnishes: 94,709 % (670,536 g/l)

Information according to Directive 2012/18/EU (SEVESO III): P3a FLAMMABLE AEROSOLS

Marketing and use of explosives precursors (Regulation (EU) 2019/1148):

This product is regulated by Regulation (EU) 2019/1148: all suspicious transactions, and significant disappearances and thefts should be reported to the relevant national contact point.

**Additional information**

To follow: 850/2004/EC, 1107/2009/EC, 649/2012/EC  
Aerosol Directive (75/324/EEC).

**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): 2 - obviously hazardous to water

Skin resorption/Sensitization: Causes allergic hypersensitivity reactions.

**15.2. Chemical safety assessment**

For the following substances of this mixture a chemical safety assessment has been carried out:

dimethyl ether

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

acetone; propan-2-one; propanone

n-Hexane



**Industrial adhesive spray**

Revision: 21.05.2026

Page 16 of 18

Zinc oxide

**SECTION 16: Other information**

**Changes**

This data sheet contains changes from the previous version in section(s): 1,2,3,4,5,6,7,8,9,10,11,12,15,16.



**Industrial adhesive spray**

Revision: 21.05.2026

Page 17 of 18

**Abbreviations and acronyms**

Flam. Gas 1: Flammable gases, hazard category 1  
Aerosol 1: Aerosols, hazard category 1  
Press. Gas (Liq.): Gases under pressure: Liquefied gas  
Flam. Liq. 2: Flammable liquids, hazard category 2  
Asp. Tox. 1: Aspiration hazard, hazard category 1  
Skin Irrit. 2: Skin irritation, hazard category 2  
Eye Irrit. 2: Eye irritation, hazard category 2  
Skin Sens. 1: Skin sensitisation, hazard category 1  
Repr. 2: Reproductive toxicity, hazard category 2  
STOT SE 3: Specific target organ toxicity - single exposure, hazard category 3  
STOT RE 1: Specific target organ toxicity - repeated exposure, hazard category 1  
Aquatic Acute 1: Hazardous to the aquatic environment, hazard category: Acute 1  
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term hazard category: Chronic 1  
Aquatic Chronic 2: Hazardous to the aquatic environment, long-term hazard category: Chronic 2  
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term hazard category: Chronic 3  
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  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
EINECS: European Inventory of Existing Commercial Chemical Substances  
ELINCS: European List of Notified Chemical Substances  
CAS: Chemical Abstracts Service  
LC50: Lethal concentration, 50%  
LD50: Lethal dose, 50%  
CLP: Classification, labelling and Packaging  
REACH: Registration, Evaluation and Authorization of Chemicals  
GHS: Globally Harmonised System of Classification, Labelling and Packaging of Chemicals  
UN: United Nations  
DNEL: Derived No Effect Level  
DMEL: Derived Minimal Effect Level  
PNEC: Predicted No Effect Concentration  
ATE: Acute toxicity estimate  
LL50: Lethal loading, 50%  
EL50: Effect loading, 50%  
EC50: Effective Concentration 50%  
ErC50: Effective Concentration 50%, growth rate  
NOEC: No Observed Effect Concentration  
BCF: Bio-concentration factor  
PBT: persistent, bioaccumulative, toxic  
vPvB: very persistent, very bioaccumulative  
RID: Regulations concerning the international carriage of dangerous goods by rail  
ADN: European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways  
(Accord européen relatif au transport international des marchandises dangereuses par voies de navigation  
intérieures)  
EmS: Emergency Schedules  
MFAG: Medical First Aid Guide  
ICAO: International Civil Aviation Organization  
MARPOL: International Convention for the Prevention of Marine Pollution from Ships  
IBC: Intermediate Bulk Container  
VOC: Volatile Organic Compounds  
SVHC: Substance of Very High Concern  
For abbreviations and acronyms, see: ECHA Guidance on information requirements and chemical safety  
assessment, chapter R.20 (Table of terms and abbreviations).



**Industrial adhesive spray**

Revision: 21.05.2026

Page 18 of 18

**Classification for mixtures and used evaluation method according to Regulation (EC) No 1272/2008 [CLP]**

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Skin Irrit. 2; H315	Bridging principle "Aerosols"
Eye Irrit. 2; H319	Bridging principle "Aerosols"
Skin Sens. 1; H317	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
Asp. Tox. 1; H304	Calculation method
Aquatic Chronic 3; H412	Calculation method

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

H220	Extremely flammable gas.
H222	Extremely flammable aerosol.
H225	Highly flammable liquid and vapour.
H229	Pressurised container: May burst if heated.
H280	Contains gas under pressure; may explode if heated.
H304	May be fatal if swallowed and enters airways.
H315	Causes skin irritation.
H317	May cause an allergic skin reaction.
H319	Causes serious eye irritation.
H336	May cause drowsiness or dizziness.
H361f	Suspected of damaging fertility.
H372	Causes 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.
H412	Harmful to aquatic life with long lasting effects.
EUH066	Repeated exposure may cause skin dryness or cracking.

**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.

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