



TECPO 1K

Beispritzlack_EN

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

1.1. Product identifier

Trade name

TECPO 1K Beispritzlack_EN

Article No.

300425

UFI code

1U0U-5UN5-M009-FJ7Q

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

Product type

PC9a - Coatings and paints, thinners, paint removers.

Relevant identified uses

Deficiency

Application:

SU21 - Consumer uses: Private households (= general public = consumers).

SU22 - Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

Process category:

PROC7 - Industrial spraying.

PROC11 - Non industrial spraying.

Not suitable for use in

No further relevant information available.



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

1.3. Details of the supplier of the safety data sheet

Supplier

TECPO GmbH

Address

Dreherstraße 16-20

42899 Remscheid

Germany

Telephone

+49 2191 951 3305

Email

info@tecpo.de

Fax

+49 2191 951 33044

Web site

www.tecpo.de

Contact person

Baris Ünsal

1.4. Emergency telephone number

Poison center/Additional emergency number

+49 (0) 89 19240 (Available 24/7) - Poison Emergency Call Munich (Available for the public.)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Classification

Aerosol, Hazard category 1

Skin irritation, hazard category 2

Serious eye damage, hazard category 1

Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis

Hazard statements

H222, H229, H315, H318, H336

Description

The product is classified and labeled according to the CLP regulation.

TECPO 1K

Beispritzlack_EN

2.2. Label elements

Labelling according to Regulation (EC) No 1272/2008

Hazard pictograms



Signal word

Danger

Hazard statements

H222 Extremely flammable aerosol.
H229 Pressurised container: May burst if heated
H315 Causes skin irritation.
H318 Causes serious eye damage.
H336 May cause drowsiness or dizziness.

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.
P260 Do not breathe aerosol.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310 Immediately call a POISON CENTER/doctor.
P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.
P501 Dispose of contents/container to dispose of in accordance with local / regional / national / international regulations.

More information

Hazard-determining components of labeling:
Cyclohexanone
2-Methoxy-1-methyl ethyl acetate
n-butyl acetate
Ethyl acetate

2.3. Other hazards

Formation of explosive mixtures possible without adequate ventilation.

Other

This product does not contain any PBT or vPvB substances.

The product does not contain any substances with endocrine-disrupting properties.

TECPO 1K

Beispritzlack_EN

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Specific concentration limits ATE	Note
dimethyl ether	115-10-6 204-065-8 01-2119472128-37 603-019-00-8	50 - <75%	Flam. Gas 1, Press. Gas - Liquefied gas	H220, H280 - -		-
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29 607-025-00-1	5 - <10%	Flam. Liq. 3, STOT SE 3 - narcosis	H226, H336, EUH066 - -		-
2-methoxy-1-methyl-ethyl acetate	108-65-6 203-603-9 01-2119475791-29 607-195-00-7	5 - <10%	Flam. Liq. 3, STOT SE 3 - narcosis	H226, H336 - -		-
Xylene (mixture of isomers)	- 905-588-0 01-2119488216-32 601-022-00-9	5 - <10%	Flam. Liq. 3, Asp. Tox. 1, Acute Tox. 4 - dermal, Skin Irrit. 2, Eye Irrit. 2, Acute Tox. 4 - inhalation, STOT SE 3 - resp. tract irrit., STOT RE 2	H226, H304, H312, H315, H319, H332, H335, H373 - -		-
cyclohexanone	108-94-1 203-631-1 01-2119453616-35 606-010-00-7	5 - <10%	Flam. Liq. 3, Acute Tox. 4 - oral, Acute Tox. 4 - dermal, Skin Irrit. 2, Eye Dam. 1, Acute Tox. 4 - inhala- tion, STOT SE 3 - resp. tract irrit.	H226, H302, H312, H315, H318, H332, H335 - -		-
ethyl acetate	141-78-6 205-500-4 01-2119475103-46 607-022-00-5	5 - <10%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3 - narcosis	H225, H319, H336, EUH066 - -		-



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-pharse M factor acute M factor chronic	Specific concentra- tion limits ATE	Note
isopentyl acetate	123-92-2 204-662-3 - 607-130-00-2	0 - <2,5%	Flam. Liq. 3	H226, EUH066 - -		-

Product based on

Mixture of listed substances with non-hazardous additions.

Substance additional information

xylene : Contains ethylbenzene CAS 100-41-4

For the complete text of H- / EUH-statements mentioned in this section, see section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation

If unconscious, position and transport in the recovery position.

Skin contact

Wash off immediately with soap and water and rinse thoroughly.

Eye contact

Rinse opened eye for several minutes under running water. If symptoms persist consult a doctor if symptoms persist.

Ingestion

Drink plenty of water and get fresh air. Consult a doctor immediately.

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

No further relevant information available.

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

No further relevant information available.

TECPO 1K

Beispritzlack_EN

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol-resistant foam. Adapt fire extinguishing measures to the surroundings.

5.2. Special hazards arising from the substance or mixture

Formation of toxic gases when heated or in case of fire.

5.3. Advice for firefighters

Special protective equipment for fire-fighters

Put on the breathing apparatus.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Put on the breathing apparatus.

Wear protective equipment. Keep unprotected persons away. Keep ignition sources away.

6.2. Environmental precautions

Do not allow to enter drains/surface water/ground water.

6.3. Methods and material for containment and cleaning up

Use neutralizing agent. Dispose of contaminated material as waste according to section 13. Ensure sufficient ventilation.

6.4. Reference to other sections

See SECTIONS 7+8+13

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Preventive handling precautions

Ensure good ventilation/extraction at the workplace.

Notes on fire and explosion protection:

Do not spray on a naked flame or any incandescent material.

Keep ignition sources away - do not smoke.

Have breathing apparatus ready.

TECPO 1K

Beispritzlack_EN

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and containers:

The official regulations for the storage of pressurized aerosols must be observed.

Storage instructions:

Not required.

Further information on storage conditions:

Keep containers tightly closed.

Storage class according to TRGS 510: 2B Compressed gas packs (aerosol dispensers)

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Exposure limits

Additional information: The lists valid at the time of preparation were used as a basis.

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m ³	Source	Remark	Year
2-methoxy-1-methylethyl acetate	108-65-6 203-603-9	50 / 270	TRGS 900	I(I); DFG, EU, Y	-
Xylene (mixture of isomers)	- 905-588-0	50 / 220	TRGS 900	2(II); DFG, EU, H	-
dimethyl ether	115-10-6 204-065-8	1000 / 1900	TRGS 900	8(II); DFG, EU	-
ethyl acetate	141-78-6 205-500-4	200 / 730	TRGS 900	2(I); DFG, EU, Y	-
isopentyl acetate	123-92-2 204-662-3	50 / 270	TRGS 900	1(I); DFG, EU	-
n-butyl acetate	123-86-4 204-658-1	62 / 300	TRGS 900	2(I); AGS, Y	-

Biological limit values



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

Product/Sub- stance name CAS No.	Parameter	Limit value	Test material	Sampling time	Source	Remark	Date
Xylene (mixture of isomers) -	Methylhippuric (toluric) acid (all isomers)	2000 mg/L	Urine	End of expos- ure or end of shift	TRGS 903		

DNEL/DMEL

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Inhalation	300 mg/m ³	Workers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Inhalation	300 mg/m ³	Workers	Local
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Oral	2 mg/kg bw/day	Consumers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Acute (short term) Oral	2 mg/kg bw/day	Consumers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Dermal	11 mg/kg bw/day	Workers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Acute (short term) Dermal	11 mg/kg bw/day	Workers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Dermal	6 mg/kg bw/day	Consumers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Acute (short term) Dermal	6 mg/kg bw/day	Consumers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Acute (short term) Inhalation	600 mg/m ³	Workers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Acute (short term) Inhalation	600 mg/m ³	Workers	Local
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Inhalation	35,7 mg/m ³	Consumers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Acute (short term) Inhalation	300 mg/m ³	Consumers	Systemic
n-butyl acetate (123-86-4/204-658-1)	DNEL	Chronic (long term) Inhalation	35,7 mg/m ³	Consumers	Local
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	DNEL	Chronic (long term) Inhalation	275 mg/m ³	Workers	Systemic
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	DNEL	Chronic (long term) Dermal	796 mg/kg bw/day	Workers	Systemic
2-methoxy-1-methylethyl acetate	DNEL	Chronic (long term)	33 mg/m ³	Consumers	Systemic



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
(108-65-6/203-603-9)		Inhalation			
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	DNEL	Chronic (long term) Dermal	320 mg/kg bw/day	Consumers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Chronic (long term) Oral	1,6 mg/kg bw/day	Consumers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Chronic (long term) Dermal	180 mg/kg bw/day	Workers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Chronic (long term) Inhalation	211 mg/m ³	Workers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Chronic (long term) Inhalation	221 mg/m ³	Workers	Local
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Acute (short term) Inhalation	442 mg/m ³	Workers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Acute (short term) Inhalation	289 mg/m ³	Workers	Local
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Chronic (long term) Inhalation	14,8 mg/m ³	Consumers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Acute (short term) Inhalation	260 mg/m ³	Consumers	Systemic
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Chronic (long term) Inhalation	65,3 mg/m ³	Consumers	Local
Xylene (mixture of isomers) (-/905-588-0)	DNEL	Acute (short term) Inhalation	260 mg/m ³	Consumers	Local
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Inhalation	734 mg/m ³	Workers	Systemic
ethyl acetate (141-78-6/205-500-4)	DNEL	Acute (short term) Inhalation	1468 mg/m ³	Workers	Systemic
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Inhalation	734 mg/m ³	Workers	Local
ethyl acetate (141-78-6/205-500-4)	DNEL	Acute (short term) Inhalation	1468 mg/m ³	Workers	Local
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Dermal	63 mg/kg bw/day	Workers	Systemic
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Inhalation	367 mg/m ³	Consumers	Systemic
ethyl acetate (141-78-6/205-500-4)	DNEL	Acute (short term) Inhalation	734 mg/m ³	Consumers	Systemic
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Inhalation	367 mg/m ³	Consumers	Local
ethyl acetate	DNEL	Acute (short term)	734 mg/m ³	Consumers	Local



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

Product/Substance name (CAS No./EC No.)	Type	Exposure	Value	Population	Effects
(141-78-6/205-500-4)		Inhalation			
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Dermal	37 mg/kg bw/day	Consumers	Systemic
ethyl acetate (141-78-6/205-500-4)	DNEL	Chronic (long term) Oral	4,5 mg/kg bw/day	Consumers	Systemic

PNEC/PEC

Product/Substance name (CAS No./EC No.)	Type	Environmental compartment	Value
n-butyl acetate (123-86-4/204-658-1)	PNEC	Freshwater	0,18 mg/l
n-butyl acetate (123-86-4/204-658-1)	PNEC	Intermittent releases (freshwater)	0,36 mg/l
n-butyl acetate (123-86-4/204-658-1)	PNEC	Marine water	0,018 mg/l
n-butyl acetate (123-86-4/204-658-1)	PNEC	Sewage Treatment Plant	35,6 mg/l
n-butyl acetate (123-86-4/204-658-1)	PNEC	Sediment (freshwater)	0,981 mg/kg
n-butyl acetate (123-86-4/204-658-1)	PNEC	Sediment (marine water)	0,0981 mg/kg
n-butyl acetate (123-86-4/204-658-1)	PNEC	Soil	0,0903 mg/kg
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	PNEC	Freshwater	0,635 mg/l
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	PNEC	Marine water	0,064 mg/l
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	PNEC	Sewage Treatment Plant	100 mg/l
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	PNEC	Sediment (freshwater)	3,29 mg/kg
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	PNEC	Sediment (marine water)	0,329 mg/kg
2-methoxy-1-methylethyl acetate (108-65-6/203-603-9)	PNEC	Soil	0,29 mg/kg

8.2. Exposure controls

Appropriate engineering controls
see SECTION 7.

TECPO 1K

Beispritzlack_EN

Personal Protective Equipment Symbols



Eye / face protection

Tightly sealed safety goggles

Hand protection

Wear protective gloves.

Glove material: Butyl rubber.

The selection of a suitable glove depends not only on the material but also on other quality features and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the resistance of glove materials cannot be calculated in advance and must therefore be checked before use.

Penetration time of the glove material:

Butyl rubber gloves with a material thickness of 0.4 mm are resistant to:

Aceton 480 min

Butylacetat 60 min

Ethylacetat 170 min

Xylol 42 min

Gloves made of butyl rubber with a thickness of 0.4 mm are resistant to solvents for 42 - 480 minutes. As a precautionary measure, we recommend that users and those responsible for occupational safety take a resistance of 42 minutes as a basis. Taking into account the information in chapter 3 of the SDS, it is possible to assume a higher resistance in individual cases.

Respiratory protection

For short-term or low exposure use breathing filter device; for intensive or prolonged exposure use self-contained breathing apparatus.

Filter A2/P3

Other

General protective and hygiene measures:

Keep away from food, drink and animal feeding stuffs.

Remove soiled, soaked clothing immediately. Wash hands before breaks and at the end of work.

Do not inhale gases/vapors/aerosols. Avoid contact with eyes and skin.

Avoid contact with eyes.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state

Aerosol

Colour

According to product description

TECPO 1K

Beispritzlack_EN

Odour

Characteristic.

Odour threshold

Not determined.

Melting point / freezing point

Not determined.

Boiling point or initial boiling point and boiling range

Not applicable as aerosol.

Flammability

Not applicable.

Lower and upper explosion limit

Lower: 3.3% by volume; Upper: 26.2% by volume

Flash point

Not applicable as aerosol.

Auto-ignition temperature

240 °C

Decomposition temperature

Not determined.

pH

Not determined.

Kinematic viscosity

Not determined.

Viscosity, dynamic

Not determined.

Solubility

No data available

Water solubility

Not or only slightly miscible.

Partition coefficient n-octanol/water

Not determined.

Vapour pressure

4000 hPa

Method

@ 20 °C

TECPO 1K

Beispritzlack_EN

Density and/or relative density

0,7 g/cm³

Method

@ 20 °C

Relative density

Not determined.

Relative vapour density

Not determined.

Evaporation Rate

Not applicable.

Explosive properties

Not determined.

Oxidising properties

Not applicable.

VOC %

99,6 %

Particle characteristics

No data available

Information on basic physical and chemical properties

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

9.2. Other information

No data available

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available.

10.2. Chemical stability

No decomposition when used as intended.

10.3. Possibility of hazardous reactions

No dangerous reactions are known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

TECPO 1K

Beispritzlack_EN

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

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

Acute toxicity

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

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
n-butyl acetate 123-86-4 / 204- 658-1	LC50	21 mg/kg	Inhalative	4 hours	Rat	-
cyclohexanone 108-94-1 / 203- 631-1	LD50	1890 mg/kg	Oral	-	Rat	-
cyclohexanone 108-94-1 / 203- 631-1	LD50	1100 mg/kg	Dermal	-	Rabbit	-
cyclohexanone 108-94-1 / 203- 631-1	LC50	> 6200 mg/m ³	Inhalative	4 hours	Rat	-
cyclohexanone 108-94-1 / 203- 631-1	LC50	536-572 mg/l	Inhalative	48 hours	fish	-
ethyl acetate 141-78-6 / 205- 500-4	LD50	5620 mg/kg	Dermal	-	Rat	-
ethyl acetate 141-78-6 / 205- 500-4	LD50	> 18000 mg/kg	Oral	-	Rabbit	-
ethyl acetate 141-78-6 / 205- 500-4	LC50	1600 mg/m ³	Inhalative	4 hours	Rat	-
2-methoxy-1- methylethyl acet- ate 108-65-6 / 203- 603-9	LD50	8530 mg/kg	Oral	-	Rat	-
2-methoxy-1-	LD50	>5000 mg/kg	Dermal	-	Rabbit	-



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

Product / Sub- stance name CAS / EC no.	Dose descriptor	Value / Dose	Exposure route	Duration of exposure	Test animals	Method / Guideline
methylethyl acet- ate 108-65-6 / 203- 603-9						
2-methoxy-1- methylethyl acet- ate 108-65-6 / 203- 603-9	LC50	>10000 mg/m ³	Inhalative	4 hours	Rat	-
Xylene (mixture of isomers) / 905-588-0	LD50	3523 mg/kg	Oral	-	Rat	-
Xylene (mixture of isomers) / 905-588-0	LD50	2000 mg/kg	Dermal	-	Rabbit	-
Xylene (mixture of isomers) / 905-588-0	LC50	29000 mg/m ³	Inhalative	4 hours	Rat	-
n-butyl acetate 123-86-4 / 204- 658-1	LD50	10800 mg/kg	Oral	-	Rat	OECD 401
n-butyl acetate 123-86-4 / 204- 658-1	LD50	>17600 mg/kg	Dermal	-	Rabbit	-

Skin corrosion/irritation

Causes skin irritation.

Serious eye damage/irritation

Causes serious eye damage.

Respiratory or skin sensitisation

Based on available data, the classification criteria are not met. No sensitizing effect known.

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.



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

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.

11.2. Information on other hazards

Endocrine disrupting properties

None of the ingredients are included.

SECTION 12: Ecological information

12.1. Toxicity

Acute fish toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
Xylene (mixture of iso- mers) / 905-588-0	LC50	13,5 mg/l	96 hours	fish
dimethyl ether 115-10-6 / 204-065-8	LC50	>4000 mg/l	96 hours	fish
2-methoxy-1-methylethyl acetate 108-65-6 / 203-603-9	LC50	100-180 mg/l	96 hours	Onchorhynchus mykiss (Rainbow trout)

Acute algae toxicity

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
dimethyl ether 115-10-6 / 204-065-8	EC50	155 mg/l	96 hours	algae
cyclohexanone 108-94-1 / 203-631-1	EC50	32.9 mg/L	72 hours	algae

Acute crustacean toxicity

TECPO 1K

Beispritzlack_EN

Product / Substance name CAS / EC no.	Measurement type	Value / Result	Duration of exposure	Species
2-methoxy-1-methylethyl acetate 108-65-6 / 203-603-9	EC50	>500 mg/l	48 hours	Daphnia magna
dimethyl ether 115-10-6 / 204-065-8	LC50	>4000 mg/l	48 hours	Daphnia magna
cyclohexanone 108-94-1 / 203-631-1	EC50	820 mg/L	24 hours	Daphnia magna
Xylene (mixture of isomers) / 905-588-0	EC50	7,4 mg/L	48 hours	Daphnia magna

12.2. Persistence and degradability

No further relevant information available.

12.3. Bioaccumulative potential

No further relevant information available.

12.4. Mobility in soil

Mobility

No further relevant information available.

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Endocrine disrupting properties

The product does not contain any substances with endocrine-disrupting properties.

12.7. Other adverse effects

No data available

Other

Do not allow product to reach ground water, water course or sewage system.
Danger to drinking water if even small quantities leak into the ground.

German Water Class

WGK2 - significantly water endangering

TECPO 1K

Beispritzlack_EN

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal considerations

Must not be disposed of together with household waste. Do not allow to enter drains.
Disposal in accordance with official regulations.

Packaging

Uncleaned packaging: Disposal in accordance with official regulations.

Waste code	Waste description
08 01 11*	waste paint and varnish containing organic solvents or other hazardous substances
15 01 04	metallic packaging
15 01 10*	packaging containing residues of or contaminated by hazardous substances

Please note - an asterisk (*) next to a code denotes that it is HAZARDOUS WASTE.

SECTION 14: Transport information

14.1. UN number

1950

14.2. UN proper shipping name

ADR / RID / ADN proper shipping name

AEROSOLS, flammable

IMDG proper shipping name

AEROSOLS

14.3. Transport hazard class(es)

Label

ADR/RID/ADN



2.1

IMDG



2.1



TECPO 1K

Beispritzlack_EN

ADR / RID Class

2

Tunnel restriction code: D

Transportation category: 2

ADR / RID Classification code

5F

IMDG Class

2

14.4. Packing group

ADR: -

IMDG: -

14.5. Environmental hazards

Not applicable.

IMDG Marine Pollutant

Not applicable.

14.6. Special precautions for user

Caution: Flammable gases.

IMDG EmS

F-D, S-U

14.7. Maritime transport in bulk according to IMO instruments

Not applicable.

Other

Additional information ADR-RID

Limited quantity: 1 L

Exempted quantity E0

Additional information IMDG

Limited quantity: 1 L

Exempted quantity E0

TECPO 1K

Beispritzlack_EN

SECTION 15: Regulatory information

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

EU regulations

Directive 2012/18/EU - Named dangerous substances - ANNEX I

None of the ingredients are included.

Information on the SEVESO III Directive 2012/18/EU:

P3a FLAMMABLE AEROSOLE

REGULATION (EU) 2019/1021 on persistent organic pollutants (POPs)

None of the ingredients are included.

The product is subject to the following restrictions according to Annex XVII, Regulation (EC) 1907/2006 (REACH): 3

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment - Annex II

None of the ingredients are included.

National regulations

Technical guidance on air:

Class Proportion in % No ingredients of classes I - III TA Luft No. 5.2.7.1

Water hazard class (WGK): 2, significantly hazardous to water.

Storage class: 2B Compressed gas packs (aerosol dispensers)

Substances of Very High Concern (SVHC) according to REACH, Article 57:

None of the ingredients are included.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

TECPO 1K

Beispritzlack_EN

SECTION 16: Other information

Abbreviations

ADN - European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road
AGW - Occupational Exposure Limit (Arbeitsplatzgrenzwert)
ATE - Acute Toxicity Estimate
AwSV - Ordinance on Installations for Handling Substances Hazardous to Water
C&L - Einstufung und Kennzeichnung
CLP - Classification Labelling Packaging Regulation; Regulation (EC) No 1272/2008
CMR - Carcinogen, Mutagen, or Reproductive Toxicant
CSR - Chemical Safety Report
DNEL - Derived No Effect Level
ECHA - European Chemicals Agency
GefStoffV - Hazardous Substances Ordinance (Gefahrstoffverordnung)
GHS - Globally Harmonized System
IMDG - International Maritime Dangerous Goods
International Air Transport Association
IUCLID - International Uniform Chemical Information Database
Kow - octanol-water partition coefficient
LC50 - Lethal Concentration to 50 % of a test population
LD50 - Lethal Dose to 50% of a test population (Median Lethal Dose)
LGK - Storage Class (Lagerklasse)
OEL - Occupational Exposure Lim
PBT - Persistent, Bioaccumulative and Toxic substance
PNEC - Predicted No Effect Concentration(s)
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID - Regulations concerning the International Carriage of Dangerous Goods by Rail
SCBA - Self-Contained Breathing Apparatus
STOT - Specific Target Organ Toxicity
SVHC - Substances of Very High Concern
TRGS - Technische Regeln für Gefahrstoffe
UFI - Unique Formula Identifier
vPvB - Very Persistent and Very Bioaccumulative
WGK - Water Hazard Class (Wassergefährdungsklasse)

TECPO 1K

Beispritzlack_EN

Phrase meaning

Aerosol 1 - Aerosol, Hazard category 1
Skin Irrit. 2 - Skin irritation, hazard category 2
Eye Dam. 1 - Serious eye damage, hazard category 1
STOT SE 3 - narcosis - Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis
Flam. Liq. 3 - Flammable liquids, hazard category 3
Asp. Tox. 1 - Aspiration hazard, hazard category 1
Acute Tox. 4 - dermal - Acute toxicity, dermal, hazard category 4
Eye Irrit. 2 - Eye irritation, hazard category 2
Acute Tox. 4 - inhalation - Acute toxicity, inhalation, hazard category 4
STOT SE 3 - resp. tract irrit. - Specific Target Organ Toxicity — Single exposure, hazard category 3 - respiratory tract irritation
STOT RE 2 - Specific Target Organ Toxicity — Repeated exposure, hazard category 2
Flam. Gas 1 - Flammable gases, hazard category 1
Press. Gas - Liquefied gas - Gases under pressure, Liquefied gas
Acute Tox. 4 - oral - Acute toxicity, oral, hazard category 4
Flam. Liq. 2 - Flammable liquids, hazard category 2
H220 Extremely flammable gas.
H222 Extremely flammable aerosol.
H225 Highly flammable liquid and vapour.
H226 Flammable liquid and vapour.
H229 Pressurised container: May burst if heated
H280 Contains gas under pressure; may explode if heated.
H302 Harmful if swallowed.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H315 Causes skin irritation.
H318 Causes serious eye damage.
H319 Causes serious eye irritation.
H332 Harmful if inhaled.
H335 May cause respiratory irritation.
H336 May cause drowsiness or dizziness.
H373 May cause damage to organs through prolonged or repeated exposure
EUH066 Repeated exposure may cause skin dryness or cracking.

Other

Additional information

The information is based on our current state of knowledge, but does not constitute a guarantee of product properties and does not establish a contractual legal relationship. The recipient of our products is responsible for observing existing laws and regulations. The information in this safety data sheet corresponds to the best of our knowledge at the time of printing. The information is intended to provide you with guidelines for the safe handling of the product mentioned in this safety data sheet during storage, processing, transportation and disposal. The information is not transferable to other products. If the product is mixed, blended or processed with other materials processed or subjected to processing, the information in this safety data sheet cannot be transferred to the new material produced in this way, unless expressly stated otherwise.



TECPO 1K

Beispritzlack_EN

Version number: 1.0
Issued: 2026-07-08

Manufacturer's notes

The data of the relevant components were taken from the latest safety data sheet of the upstream supplier.