



according to UK REACH Regulation

# 121 Adhesive lubricant 400 ml AB

Revision date: 22.10.2024

Product code: 1101056

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

# 1.1. Product identifier

121 Adhesive lubricant 400 ml AB

UFI:

9VY7-D0F4-F005-JP72

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

Use of the substance/mixture

Lubricant

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

Company name:	TUNAP GmbH & Co. KG	
Street:	Buergermeister-Seidl-Strasse 2	
Place:	D-82515 Wolfratshausen	
Telephone:	+49 (0) 8171/1600-0	Telefax: +49 (0) 8171/1600-40
E-mail:	sdb@tunap.com	
Internet:	www.tunap.com	
1.4. Emergency telephone	111 NHS (National Health Service)	

# number:

## **SECTION 2: Hazards identification**

# 2.1. Classification of the substance or mixture

#### **GB CLP Regulation**

Aerosol 1; H222-H229 Skin Irrit. 2; H315 STOT SE 3; H336 Aquatic Chronic 3; H412

Full text of hazard statements: see SECTION 16.

Danger

# 2.2. Label elements

#### **GB CLP Regulation**

#### Hazard components for labelling

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

Signal word:

Pictograms:



#### Hazard statements

H222	Extremely flammable aerosol.
H229	Pressurised container: May burst if heated.
H315	Causes skin irritation.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

# **Precautionary statements**

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No
smoking.
Do not spray on an open flame or other ignition source.
Do not pierce or burn, even after use.
Do not breathe Aerosol.



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P280 P302+P352 P410+P412	Wear protective gloves. IF ON SKIN: Wash with plenty of water. Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.	

# 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 (GB CLP Re	egulation)		
75-28-5	isobutane			50 - < 100 %
	200-857-2	601-004-00-0	01-2119485395-27	
	Flam. Gas 1, Liquefied ga	s; H220 H280	·	
74-98-6	propane			5 - < 10 %
	200-827-9	601-003-00-5	01-2119486944-21	
	Flam. Gas 1, Liquefied ga			
64742-49-0	Hydrocarbons, C6-C7, n-a	3 - < 5 %		
	921-024-6		01-2119475514-35	
	Flam. Liq. 2, Skin Irrit. 2, S H411			
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics			3 - < 5 %
	927-510-4		01-2119475515-33	
	Flam. Liq. 2, Skin Irrit. 2, STOT SE 3, Asp. Tox. 1, Aquatic Chronic 2; H225 H315 H336 H304 H411			
106-97-8	butane			1 - < 3 %
	203-448-7	601-004-00-0	01-2119474691-32	
	Flam. Gas 1, Liquefied ga			
4259-15-8	zinc bis[0,0-bis(2-ethylhexyl)] bis(dithiophosphate)			0.1 - < 1 %
	224-235-5		01-2119493635-27	
	Eye Dam. 1, Aquatic Chronic 2; H318 H411			

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

<b>Specific Co</b>	nc Limits	M-factors	and ATF
opecific ou		, mi-lactors	

CAS No	EC No	Chemical name	Quantity			
	Specific Conc.	Specific Conc. Limits, M-factors and ATE				
64742-49-0	742-49-0 921-024-6 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane					
	inhalation: LC50 = > 25,2 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg; oral: LD50 = > 5000 mg/kg					
64742-49-0	927-510-4	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics				
	inhalation: LC50 = > 23,3 mg/l (vapours); dermal: LD50 = > 2800 - 3100 mg/kg; oral: LD50 = 5500 mg/kg					
4259-15-8	224-235-5	zinc bis[O,O-bis(2-ethylhexyl)] bis(dithiophosphate)	0.1 - < 1 %			
		= >2000 - <5000 mg/kg; oral: LD50 = >3100 mg/kg Eye Dam. 1; H318: >= 50 - 2; H319: >= 10 - < 50				

# SECTION 4: First aid measures



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# 4.1. Description of first aid measures

## **General information**

First aider: Pay attention to self-protection! Remove persons to safety. Never give anything by mouth to an unconscious person or a person with cramps.

# After inhalation

Remove person to fresh air and keep comfortable for breathing. In all cases of doubt, or when symptoms persist, seek medical advice.

## After contact with skin

Wash with plenty of water and soap. Take off immediately all contaminated clothing and wash it before reuse. In all cases of doubt, or when symptoms persist, seek medical advice.

#### After contact with eyes

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. In case of troubles or persistent symptoms, consult an ophthalmologist.

# After ingestion

Do NOT induce vomiting. Observe risk of aspiration if vomiting occurs. Call a physician in any case!

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

Headache, nausea, dizziness, fatigue, skin irritation

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

Treat symptomatically. Call a POISON CENTER. Symptoms can occur only after several hours.

# **SECTION 5: Firefighting measures**

# 5.1. Extinguishing media

#### Suitable extinguishing media

Water fog. Foam. Carbon dioxide (CO2). Extinguishing powder.

# Unsuitable extinguishing media

Full water jet

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

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO2, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

#### 5.3. Advice for firefighters

In case of fire and/or explosion do not breathe fumes. Move undamaged containers from immediate hazard area if it can be done safely. In case of fire: Wear self-contained breathing apparatus.

#### Additional information

Danger of bursting container.

# **SECTION 6: Accidental release measures**

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

#### **General advice**

Wear breathing apparatus if exposed to vapours/dusts/aerosols. Remove all sources of ignition. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Wear personal protection equipment.

# For non-emergency personnel

First aider: Pay attention to self-protection!

#### For emergency responders

Fight fire with normal precautions from a reasonable distance.

#### 6.2. Environmental precautions

Do not allow to enter into surface water or drains. Prevent spread over a wide area (e.g. by containment or oil barriers). Ensure all waste water is collected and treated via a waste water treatment plant.



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# 6.3. Methods and material for containment and cleaning up

# For containment

Prevent spread over a wide area (e.g. by containment or oil barriers).

# For cleaning up

Clean contaminated articles and floor according to the environmental legislation.

#### Other information

Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents). Clean contaminated articles and floor according to the environmental legislation.

#### 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

Observe instructions for use.

Dust must be exhausted directly at the point of origin. Vapours/aerosols must be exhausted directly at the point of origin. If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

When using do not eat, drink, smoke, sniff.

Wear personal protection equipment (refer to section 8).

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

#### Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking. Heating causes rise in pressure with risk of bursting.

#### Advice on general occupational hygiene

Avoid exposure. Wear suitable protective clothing. Draw up and observe skin protection programme.

Further information on handling

Avoid contact with skin and eyes.

# 7.2. Conditions for safe storage, including any incompatibilities

#### Requirements for storage rooms and vessels

Observe legal regulations and provisions.

#### Hints on joint storage

Do not store together with: Oxidizing agents. Pyrophoric or self-heating substances. Food and feedingstuffs.

## Further information on storage conditions

Protect from frost. Protect from direct sunlight. Store in a cool dry place. Observe legal regulations and provisions.

# 7.3. Specific end use(s)

No information available.

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

#### 8.1. Control parameters

#### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m³	fibres/ml	Category	Origin
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL



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# **DNEL/DMEL** values

CAS No	Substance						
DNEL type		Exposure route	Effect	Value			
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5%	n-hexane					
Worker DNEL,	long-term	inhalation	systemic	2035 mg/m³			
Worker DNEL,	long-term	dermal	systemic	773 mg/kg bw/day			
Consumer DNE	EL, long-term	inhalation	systemic	608 mg/m³			
Consumer DNEL, long-term dermal systemic 699 mg/kg bw.				699 mg/kg bw/day			
Consumer DNE	EL, long-term	oral	systemic	699 mg/kg bw/day			
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics						
Worker DNEL,	long-term	inhalation	systemic	2085 mg/m³			
Worker DNEL,	long-term	dermal	systemic	300 mg/kg bw/day			
Consumer DNE	EL, long-term	inhalation	systemic	447 mg/m³			
Consumer DNE	EL, long-term	dermal	systemic	149 mg/kg bw/day			
Consumer DNE	EL, long-term	oral	systemic	149 mg/kg bw/day			

## Additional advice on limit values

a no restriction

b End of exposure or end of shift

c at long-term exposure:

d before next shift

blood (B) Urine (U)

## 8.2. Exposure controls

# Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used.

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

## Eye/face protection

Suitable eye protection: Tightly sealed safety glasses.

EN 166

# Hand protection

Protect skin by using skin protective cream. 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: NBR (Nitrile rubber) Breakthrough time: 480min

Thickness of the glove material 0,45 mm

# EN ISO 374

# Skin protection

Wear suitable protective clothing. Take off immediately all contaminated clothing and wash it before reuse.

# **Respiratory protection**

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

When exceeding the relevant workplace exposure limits, note the following:

Suitable respiratory protective equipment: Combination filter device (DIN EN 141)..

Filtering device with filter or ventilator filtering device of type: AX

Observe the wear time limits as specified by the manufacturer.

Observe legal regulations and provisions.



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# **Environmental exposure controls**

Observe legal regulations and provisions.

# **SECTION 9: Physical and chemical properties**

# 9.1. Information on basic physical and chemical properties

Physical state:	liquid	
Colour:	brown	
Odour:	solvent like	
		Test method
Melting point/freezing point:	not determined	
Boiling point or initial boiling point and	-40 °C	
boiling range: Flammability:	not applicable	
r laninability.	not applicable	
Lower explosion limits:	1,5 vol. %	
Upper explosion limits:	9,4 vol. %	
Flash point:	-80 °C	
Decomposition temperature:	not determined	
pH-Value (at 20 °C):	not determined	DIN 19268
Water solubility:	The study does not need to be conducted	
-	because the substance is known to be	
	insoluble in water.	
Solubility in other solvents		
not determined		
Partition coefficient n-octanol/water:	not determined	
Vapour pressure:	not determined	DIN 64767
Density (at 20 °C):	0,829 g/cm <sup>3</sup>	DIN 51757
Relative vapour density:	not determined	
9.2. Other information		
Information with regard to physical haz	ard classes	
Self-ignition temperature		
Solid:	not applicable	
Gas:	not applicable	
Oxidizing properties		
Not oxidising.		
Other safety characteristics		
Evaporation rate:	not determined	
Solid content:	not determined	
Further Information		
Data apply to technical substance: Relativ	ve density, Colour, Odour, Viscosity, pH.	

# **SECTION 10: Stability and reactivity**

# 10.1. Reactivity

Flammable, Ignition hazard.

#### 10.2. Chemical stability

The product is stable under normal conditions.

# 10.3. Possibility of hazardous reactions

Do not expose to temperatures above 50 °C. Heating causes rise in pressure with risk of bursting.



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# 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. Take precautionary measures against static discharges.

# 10.5. Incompatible materials

Oxidizing agents. Pyrophoric or self-heating substances.

## 10.6. Hazardous decomposition products

Incomplete combustion and thermolysis gases of different toxicity can occur. In the case of hydrocarbonaceous products such as CO, CO2, aldehydes and soot. These can be very dangerous if they are inhaled in high concentrations or in enclosed spaces.

#### Further information

Do not mix with other chemicals.

#### **SECTION 11: Toxicological information**

#### 11.1. Information on hazard classes as defined in GB CLP Regulation

#### Toxicocinetics, metabolism and distribution

There are no data available on the mixture itself.

#### 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

CAS No	Chemical name					
	Exposure route	Dose	Species	Source	Method	
64742-49-0	Hydrocarbons, C6-C7, n	-alkanes, isoalkanes, cyo	clics, < 5% n-hexane			
	oral	LD50 > 5000 mg/kg	Rat			
	dermal	LD50 > 2800 - 3100 mg/kg	Rat			
	inhalation (4 h) vapour	LC50 > 25,2 mg/l	Rat			
64742-49-0	Hydrocarbons, C7, n-alk	anes, isoalkanes, cyclics				
	oral	LD50 5500 mg/kg	Rat			
	dermal	LD50 > 2800 - 3100 mg/kg	Rat	Study report (1977)	The acute toxicity of SBP 100/140 was de	
	inhalation (4 h) vapour	LC50 > 23,3 mg/l	Rat	Study report (1988)	OECD Guideline 403	
4259-15-8	zinc bis[O,O-bis(2-ethylh	exyl)] bis(dithiophosphat	e)			
	oral	LD50 >3100 mg/kg	Rat			
	dermal	LD50 >2000 - <5000 mg/kg	Rabbit			

#### Irritation and corrosivity

Skin corrosion/irritation: Causes skin irritation.

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



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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.

No indication of human carcinogenicity.

No indications of human germ cell mutagenicity exist.

No indications of human reproductive toxicity exist.

#### STOT-single exposure

May cause drowsiness or dizziness.

# 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

Ingestion, Inhalation, Skin contact, Eye contact. Reference to other sections: 2.1, 4.2.

## Specific effects in experiment on an animal

No information available.

# 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.

#### Other information

No information available.

# **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.



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CAS No	Chemical name						
	Aquatic toxicity	Dose		[h]   [d]	Species	Source	Method
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane						
	Acute fish toxicity	LC50 mg/l	> 1-10	96 h	Pimephales promelas		
	Acute algae toxicity	ErC50 mg/l	10 - 30	72 h	Pseudokirchneriella subcapitata	Study report (1995)	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	> 1-10	48 h	Daphnia magna		
	Fish toxicity	NOEC mg/l	2,045	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
64742-49-0	Hydrocarbons, C7, n-alkanes, isoalkanes, cyclics						
	Acute fish toxicity	LL50 mg/l	> 13,4	96 h	Oncorhynchus mykiss	Study report (2004)	OECD Guideline 203
	Acute algae toxicity	ErC50	12 mg/l	72 h	Pseudokirchneriella subcapitata	SIDS Initial Assessment Report For SIAM	OECD Guideline 201
	Acute crustacea toxicity	EC50 mg/l	>1 - 10	48 h	Daphnia magna		
	Fish toxicity	NOEC mg/l	1,534	28 d	Oncorhynchus mykiss	CONCAWE, Brussels, Belgium (2010)	
	Crustacea toxicity	NOEC	1 mg/l	21 d	Daphnia magna	SIDS Initial Assessment Report For SIAM	OECD Guideline 211
4259-15-8	zinc bis[O,O-bis(2-ethylhe	exyl)] bis(dit	hiophosphate	e)			
	Acute fish toxicity	LC50 mg/l	>2-10	96 h	Oncorhynchus mykiss (Rainbow trout)		
	Acute algae toxicity	ErC50 mg/l	>240	72 h	Pseudomonas putida		
	Acute crustacea toxicity	EC50 mg/l	>2-10	48 h	Daphnia magna		

# 12.2. Persistence and degradability

The product has not been tested.

CAS No	Chemical name			
	Method	Value	d	Source
	Evaluation			
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane			
	OECD Guideline 301 F	98%	28	ECHA
	Easily biodegradable (concerning to the criteria of the OECD)			

# 12.3. Bioaccumulative potential

The product has not been tested.



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# Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
75-28-5	isobutane	2,8
74-98-6	propane	2,36
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics, < 5% n-hexane	3,4 - 5,2
106-97-8	butane	2,89

#### 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.

# The product has not been tested.

# 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**

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. 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

# List of Wastes Code - used product

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

#### List of Wastes Code - contaminated packaging

150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

## **SECTION 14: Transport information**

## Land transport (ADR/RID)

and transport (ADIVICID)	
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



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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		
Marine pollutant:	no		
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)			
<u>14.1. UN number or ID number:</u>	UN 1950		
14.2. UN proper shipping name:	AEROSOLS, flam	mable	
14.3. Transport hazard class(es):	2.1	mable	
14.4. Packing group:	-		
Hazard label:	2.1		
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			
No information available.			
14.7. Maritime transport in bulk according	<u>to IMO instrument</u> s		
not applicable			
SECTION 15: Regulatory information			
15.1. Safety, health and environmental reg	ulations/legislation s	necific for the substance or mixtu	Ire
	ulations/legislation s		
EU regulatory information			
Restrictions on use (REACH, annex XVII	):		
Entry 3, Entry 28, Entry 29, Entry 40,	Entry 75		
Directive 2010/75/EU on industrial emissions:	No information ava	ailable.	
Directive 2004/42/EC on VOC in	No information ava	ailable.	

paints and varnishes:



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# Additional information

Safety Data Sheet according to Regulation (EC) No. 1907/2006 (REACH) 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). 2 - obviously hazardous to water

# Water hazard class (D):

# **SECTION 16: Other information**

## Changes

This data sheet contains changes from the previous version in section(s): 1,2,11.

#### Abbreviations and acronyms

Flam. Gas: Flammable gases Aerosol: Aerosols Liquefied das Flam. Liq: Flammable liquids Asp. Tox: Aspiration hazard Skin Irrit: Skin irritation Eye Dam: Eye damage STOT SE: Specific target organ toxicity - single exposure Aquatic Chronic: Chronic aquatic hazard ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road) RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail) IATA: International Air Transport Association IMDG: International Maritime Code for Dangerous Goods 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 (division of the American Chemical Society) DNEL/DMEL: Derived No Effect Level / Derived Minimal Effect Level WEL (UK): Workplace Exposure Limits TWA (EC): Time-Weighted Average ATE: Acute Toxicity Estimate STEL (EC) Short Term Exposure Limit LC50: Lethal Concentration EC50: half maximal Effective Concentration

ErC50: means EC50 in terms of reduction of growth rate

# Classification for mixtures and used evaluation method according to GB CLP Regulation

Classification	Classification procedure
Aerosol 1; H222-H229	On basis of test data
Skin Irrit. 2; H315	Bridging principle "Aerosols"
STOT SE 3; H336	Bridging principle "Aerosols"
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.



# according to UK REACH Regulation

# 121 Adhesive lubricant 400 ml AB

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H304	May be fatal if swallowed and enters airways.	
H315	Causes skin irritation.	
H318	Causes serious eye damage.	
H336	May cause drowsiness or dizziness.	
H411	Toxic to aquatic life with long lasting effects.	
H412	Harmful to aquatic life with long lasting effects.	
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# **Further Information**

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal. The information cannot be transferred to other products. In the case of mixing the product with other products or in the case of processing, the information on this safety data sheet is not necessarily valid for the new made-up material.

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