

## Safety data sheet

according to 1907/2006/EC, Article 31

Printing date 08.04.2022

Version number 81

Revision: 08.04.2022

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

· **1.1 Product identifier**

· **Trade name** tesa Adhesive Remover Spray

· **Article number:**  
60042  
57981  
58610

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

No further relevant information available.

· **Application of the substance / the mixture**

Industrial cleaner

· **1.3 Manufacturer/Supplier:**

tesa SE  
Hugo-Kirchberg-Strasse 1  
D-22848 Norderstedt  
Tel.: +49-40-88899-101  
Germany

· **Informing department:**

tesa SE, Corporate Regulatory Affairs  
msds@tesa.com, Tel.: +49-40-88899-6954

· **1.4 Emergency telephone number:**

tesa SE, Hugo-Kirchberg-Str. 1, D-22848 Norderstedt  
Security Center Phone +49-40-88899-0  
or +49-40-88899-9111

UNITED KINGDOM:

The UK National Poisons Emergency number is 0870 600 6266

London:

Emergency 24 hour telephone: +44 (0)20 7188 0100

Guy's & St Thomas' Poisons Unit

Medical Toxicology Information Services

Mary Sheridan House, Guy's Hospital, Great Maze Pond, London SE1 9RT

### \* SECTION 2: Hazards identification

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

· **Classification according to Regulation (EC) No 1272/2008**



flame

Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.



environment

Aquatic Chronic 2 H411 Toxic to aquatic life with long lasting effects.



Skin Irrit. 2	H315	Causes skin irritation.
Skin Sens. 1	H317	May cause an allergic skin reaction.
STOT SE 3	H336	May cause drowsiness or dizziness.
Asp. Tox. 1	H304	May be fatal if swallowed and enters airways.

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**2.2 Label elements**
**Labelling according to Regulation (EC) No 1272/2008**
**Hazard pictograms**

The product is classified and labelled according to the GB CLP regulation.



GHS02 GHS07 GHS09

**Signal word**

Danger

**Hazard-determining components of labelling:**

 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics  
 Orange, sweet, ect.

**Hazard statements**

 64742-48-9 Hydrotreated heavy naphtha (Note P)  
 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.  
 H315 Causes skin irritation.  
 H317 May cause an allergic skin reaction.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic 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.  
 P103 Read carefully and follow all instructions.  
 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.  
 P405 Store locked up.  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

**2.3 Other hazards**











The preparation contains no eluable organic halogene compounds, which increases the AOX values

**Results of PBT and vPvB assessment**
**PBT:** Not classified  
**vPvB:** Not classified

### SECTION 3: Composition/information on ingredients

**3.2 Chemical characterisation: Mixtures**
**Description:** Mixture in the format of an 'adhesive tape, consisting of the following components

**Dangerous components:**

CAS: 64742-49-0 EC number: 921-024-6	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics  Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; STOT SE 3, H336	<50%
CAS: 8028-48-6 EINECS: 232-433-8	Orange, sweet, ect.  Flam. Liq. 3, H226  Asp. Tox. 1, H304  Aquatic Chronic 2, H411  Skin Irrit. 2, H315; Skin Sens. 1, H317	<25%
CAS: 64742-48-9 EINECS: 265-150-3 Reg.nr.: 01-2119457273-39-xxxx	64742-48-9 Hydrotreated heavy naphtha (Note P)  Acute Tox. 3, H331  Asp. Tox. 1, H304	<25%

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CAS: 106-97-8 EINECS: 203-448-7 Reg.nr.: 01-2119474691-32-xxxx	butane, pure ⚠ Flam. Gas 1A, H220 ☠ Acute Tox. 3, H331 ⚠ Press. Gas (Comp.), H280	<25%
CAS: 67-63-0 EINECS: 200-661-7 Reg.nr.: 01-2119457558-25-XXXX	propan-2-ol ⚠ Flam. Liq. 2, H225 ⚠ Eye Irrit. 2, H319; STOT SE 3, H336	<10%
CAS: 74-98-6 EINECS: 200-827-9 Reg.nr.: 01-2119486944-21-xxxx	propane liquefied ⚠ Flam. Gas 1A, H220 ⚠ Press. Gas (Comp.), H280	<10%
CAS: 75-28-5 EINECS: 200-857-2 Reg.nr.: 01-2119485395-27-xxxx	isobutane ⚠ Flam. Gas 1A, H220 ⚠ Press. Gas (Comp.), H280	<2.5%
· <b>SVHC</b>	None	
· <b>Regulation (EC) No 648/2004 on detergents / Labelling for contents</b>	aliphatic hydrocarbons ≥ 30% Limonene	
· <b>Additional information</b>	Asp. Tox. 1, H304 of contained components is not applicable to the aerosol present in aerosol dispensers according to EC 1272/2008 Annex I, 1.3.3. For the wording of the listed hazard phrases refer to section 16.	

#### SECTION 4: First aid measures

##### 4.1 Description of first aid measures

###### General information

Take affected persons into the open air.  
Do not leave affected persons unsupervised.  
Instantly remove any clothing soiled by the product.

###### After inhalation

Supply fresh air and call physician for safety reasons.  
In case of unconsciousness bring patient into stable side position for transport.

###### After skin contact

Instantly wash with water and soap and rinse thoroughly.

###### After eye contact

Rinse opened eyes for several minutes under running water.

###### After swallowing

In case of persistent symptoms consult physician.

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

May cause drowsiness.

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

No further relevant information available.

#### SECTION 5: Firefighting measures

##### 5.1 Extinguishing media

###### Suitable extinguishing agents

CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

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

Can be released in case of fire:  
Nitrogen oxide (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Under certain fire conditions, traces of other toxic gases cannot be excluded.

##### 5.3 Advice for firefighters

###### Protective equipment:

Put on breathing apparatus.  
Do not inhale explosion gases or combustion gases.

###### Additional information

Cool endangered containers with water spray jet.

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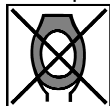
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**SECTION 6: Accidental release measures**

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

Wear protective equipment. Keep unprotected persons away.

· **6.2 Environmental precautions:**



Prevent product from reaching sewage system or water bodies.

Inform responsible authorities in case of spilling into water or sewage system.

· **6.3 Methods and material for containment and cleaning up:**

Allow material to evaporate.  
Dispose of contaminated material as waste according to item 13.  
Ensure adequate ventilation.

· **6.4 Reference to other sections**

See Section 7 for information on safe handling  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on disposal.

**SECTION 7: Handling and storage**

· **7.1 Precautions for safe handling**

Keep away from heat and direct sunlight.  
Ensure good ventilation/exhaustion at the workplace.

· **Information about protection against explosions and fires:**

Do not spray on flames or red-hot objects.



Keep ignition sources away - Do not smoke.

Beware: Container is pressurized. Keep away from direct sun exposure and temperatures over 50°C. Do not open by force or throw into fire even after use.

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

· **Storage**

· **Requirements to be met by storerooms and containers:**

Observe official regulations on storing packagings with pressurised containers.

· **Information about storage in one common storage facility:**

Not required.

· **Further information about storage conditions:**

Store in a cool place. Heat will increase pressure and may lead to the container exploding.

· **Storage class**

Keep container tightly sealed.

· **7.3 Specific end use(s)**

2B pressurized-gas packages

No further relevant information available.

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

· **8.1 Control parameters**

· **Additional information about design of technical systems:**

No further data; see item 7.

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· <b>Components with critical values that require monitoring at the workplace:</b>	
<b>106-97-8 butane, pure</b>	
WEL	Short-term value: 1810 mg/m <sup>3</sup> , 750 ppm Long-term value: 1450 mg/m <sup>3</sup> , 600 ppm Carc (if more than 0.1% of buta-1.3-diene)
<b>67-63-0 propan-2-ol</b>	
WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm Long-term value: 999 mg/m <sup>3</sup> , 400 ppm
· <b>Additional information:</b>	The lists that were valid during the compilation were used as basis.
· <b>8.2 Exposure controls</b>	
· <b>Personal protective equipment</b>	
· <b>General protective and hygienic measures</b>	The usual precautionary measures should be adhered to in handling the chemicals. Keep away from foodstuffs, beverages and food. Instantly remove any contaminated garments. Wash hands before breaks and at the end of the work. Avoid contact with the skin. Avoid contact with the eyes and skin.
· <b>Breathing equipment:</b>	Not necessary if room is well-ventilated.
	 In case of short term exposure use respiratory protection. In case of intensive or longer exposure use respiratory protection equipment independent from ambient air.
· <b>Protection of hands:</b>	 Solvent resistant gloves
	The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
· <b>Material of gloves</b>	Nitrile rubber, NBR use solvent stable gloves.
· <b>Penetration time of glove material</b>	The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
· <b>Eye protection:</b>	Not required.
· <b>Body protection:</b>	Not necessary at proper use

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

· <b>9.1 Information on basic physical and chemical properties</b>	
· <b>General Information</b>	
· <b>Appearance:</b>	
Form:	Aerosol
Colour:	Colourless
· Smell:	Product specific
· Odour threshold:	Not determined.
· pH-value:	Not determined.
· <b>Change in condition</b>	
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	-44 °C

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· <b>Flash point:</b>	-97 °C
· <b>Inflammability (solid, gaseous)</b>	Not applicable.
· <b>Ignition temperature:</b>	240 °C
· <b>Decomposition temperature:</b>	Not determined.
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Explosive properties:</b>	Not determined.
· <b>Critical values for explosion:</b>	
Lower:	0.6 Vol %
Upper:	8.5 Vol %
· <b>Steam pressure at 20 °C:</b>	2,100 hPa
· <b>Density at 20 °C</b>	0.7 g/cm <sup>3</sup> Not determined
· <b>Relative density</b>	Not determined.
· <b>Vapour density</b>	Not determined.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix
· <b>Partition coefficient: n-octanol/water:</b>	Not determined.
· <b>Viscosity:</b>	
dynamic:	Not determined.
kinematic:	Not determined.
· <b>Solvent content:</b>	
Organic solvents:	27.0 %
Solids content:	0.0 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity** No further relevant information available.
- **10.2 Chemical stability**
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known
- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials:** No further relevant information available.
- **10.6 Hazardous decomposition products:** No dangerous decomposition products known

### \* SECTION 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity** Based on available data, the classification criteria are not met.

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· <b>LD/LC50 values that are relevant for classification:</b>	
<b>ATE (Acute Toxicity Estimates)</b>	
Inhalative	LC50/ 4 h >34.2 mg/l
· <b>Primary irritant effect:</b>	
· <b>Skin corrosion/irritation</b>	Causes skin irritation.
· <b>Serious eye damage/irritation</b>	Based on available data, the classification criteria are not met.
· <b>Respiratory or skin sensitisation</b>	May cause an allergic skin reaction.
· <b>Additional toxicological information:</b>	
· <b>CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)</b>	
· <b>Germ cell mutagenicity</b>	Based on available data, the classification criteria are not met.
· <b>Carcinogenicity</b>	Based on available data, the classification criteria are not met.
· <b>Reproductive toxicity</b>	Based on available data, the classification criteria are not met.
· <b>STOT-single exposure</b>	May cause drowsiness or dizziness.
· <b>STOT-repeated exposure</b>	Based on available data, the classification criteria are not met.
· <b>Aspiration hazard</b>	May be fatal if swallowed and enters airways.

### \* SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Ecotoxicological effects:**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:** Also poisonous for fish and plankton in water bodies.  
Toxic for aquatic organisms  
Water hazard class 2 (Self-assessment): hazardous for water.  
Prevent product from reaching ground water, water bodies or sewage systems.  
Danger to drinking water even if small quantities leak into soil.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### \* SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation**



Must not be disposed of together with household garbage. Do not allow product to reach sewage system.

Must be specially treated under adherence to official regulations.

- **Additional information about the European waste catalogue:**

The assignment of a waste key number according to EC Decision 2000/532/EC in connection with EU Directive 75/442/EC has to follow specific industry requirements. The above mentioned classification is only one possible proposal.

- **Uncleaned packagings:**
- **Recommendation:**

Void  
Disposal according to official regulations.

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· Recommended cleaning agent: ethyl acetate

**SECTION 14: Transport information**

· 14.1 UN-Number · ADR, IMDG, IATA	UN1950
· 14.2 UN proper shipping name · ADR · IMDG · IATA	AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS, MARINE POLLUTANT AEROSOLS
· 14.3 Transport hazard class(es) · ADR 	2 2.1 Gases. 2.1
· IMDG 	2 Gases. 2.1
· IATA 	2 Gases. 2.1
· 14.4 Packing group · ADR	Void
· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
· 14.6 Special precautions for user · Page: · EMS Number: · Stowage Code  · Segregation Code	Warning: Gases. 23 F-D,S-U SW1 Protected from sources of heat. SW22 For AEROSOLS with a maximum capacity of 1 litre: Category A. For AEROSOLS with a capacity above 1 litre: Category B. For WASTE AEROSOLS: Category C, Clear of living quarters. SG69 For AEROSOLS with a maximum capacity of 1 litre: Segregation as for class 9. Stow "separated from" class 1 except for division 1.4.

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·	For AEROSOLS with a capacity above 1 litre: Segregation as for the appropriate subdivision of class 2. For WASTE AEROSOLS: Segregation as for the appropriate subdivision of class 2.
· <b>14.7 Transport in bulk according to Annex II of Marpol and the IBC Code</b>	Not applicable.
· <b>Transport/Additional information:</b>	Limited quantity regulations concerning ADR and IMDG for packages up to 30 kg (gross weight). ID 8000 Consumer commodity for airtransport of finished goods in packages up to 30 kg possible (gross weight). DOT: ORM-D consumer commodity for road transport inside US
· <b>ADR</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	1L Code: E0 Not permitted as Excepted Quantity
· <b>IMDG</b> · <b>Limited quantities (LQ)</b> · <b>Excepted quantities (EQ)</b>	1L Code: E0 Not permitted as Excepted Quantity
· <b>UN "Model Regulation":</b>	UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY HAZARDOUS

**SECTION 15: Regulatory information**

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

· **Directive 2012/18/EU**

· **Named dangerous substances -**

**ANNEX I**

None of the ingredients is listed.

· **Seveso category**

P3a FLAMMABLE AEROSOLS

E2 Hazardous to the Aquatic Environment

· **Qualifying quantity (tonnes) for the application of lower-tier requirements**

150 t

· **Qualifying quantity (tonnes) for the application of upper-tier requirements**

500 t

· **National regulations**

avoids

· **Information about limitation of use:** Employment restrictions concerning young persons must be observed.

· **Decree to be applied in case of technical fault:**

Critical quantity values according to the regulations on accidents should be adhered to.

· **Technical instructions (air):**

Class	Share in %
III	15.8
NK	27.0

· **Water hazard class:**

Water hazard class 2 (Self-assessment): hazardous for water.

· **15.2 Chemical safety assessment:**

A Chemical Safety Assessment has not been carried out.

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### SECTION 16: Other information

This data is based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

· **Relevant phrases**

H220 Extremely flammable gas.  
 H225 Highly flammable liquid and vapour.  
 H226 Flammable liquid and vapour.  
 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.  
 H331 Toxic if inhaled.  
 H336 May cause drowsiness or dizziness.  
 H411 Toxic to aquatic life with long lasting effects.

· **Department issuing data specification sheet:**

tesa SE, Corporate Regulatory Affairs

· **Contact:**

tesa SE, Corporate Regulatory Affairs, Email: [msds@tesa.com](mailto:msds@tesa.com), Tel.: 040-88899-0

· **Abbreviations and acronyms:**

ADR: Accord relatif au transport international 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 Harmonised 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)  
 LC50: Lethal concentration, 50 percent  
 LD50: Lethal dose, 50 percent  
 PBT: Persistent, Bioaccumulative and Toxic  
 SVHC: Substances of Very High Concern  
 vPvB: very Persistent and very Bioaccumulative  
 Flam. Gas 1A: Flammable gases – Category 1A  
 Aerosol 1: Aerosols – Category 1  
 Press. Gas (Comp.): Gases under pressure – Compressed gas  
 Flam. Liq. 2: Flammable liquids – Category 2  
 Flam. Liq. 3: Flammable liquids – Category 3  
 Acute Tox. 3: Acute toxicity – Category 3  
 Skin Irrit. 2: Skin corrosion/irritation – Category 2  
 Eye Irrit. 2: Serious eye damage/eye irritation – Category 2  
 Skin Sens. 1: Skin sensitisation – Category 1  
 STOT SE 3: Specific target organ toxicity (single exposure) – Category 3  
 Asp. Tox. 1: Aspiration hazard – Category 1  
 Aquatic Chronic 2: Hazardous to the aquatic environment - long-term aquatic hazard – Category 2

· **\* Data compared to the previous version altered.**