

**Safety data sheet**  
according to 1907/2006/EC, Article 31

Printing date 03.02.2023

Version number 89 (replaces version 88)

Revision: 03.02.2023

**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  
SDS@tesa.com, Tel.: +49-40-88899-6954

· **1.4 Emergency telephone number:**

Poisons Information Centre in Germany:  
Poison Information Centre North  
Centre of Pharmacology and Toxicology of University Goettingen  
Robert-Koch Strasse 40, D-37075 Goettingen  
Telephone: +49 551 38 31 80  
Emergency telephone: +49 551 19240 (24 hours available)

Poisons Information Centres in Europe:  
see WHO website:  
<http://www.who.int/ipcs/poisons/centre/directory/euro/en/>

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  
Reception Headquarters  
tesa SE, Hugo-Kirchberg-Str. 1, 22848 Norderstedt, Germany  
Phone: +49 40 88899 2667 (Mon.-Thurs. 07:00-18:00h, Fr. 07:00-15:00h)

**SECTION 2: Hazards identification**

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

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



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



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

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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.

**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, ekt.  
 Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics

**Hazard statements**

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.

P271 Use only outdoors or in a well-ventilated area.

P273 Avoid release to the environment.

P391 Collect spillage.

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 product does not contain any elutable organically bound halogen compounds that can lead to an increase in the AOX value in the context of waste water analysis.

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

**vPvB:** Not classified

### \* SECTION 3: Composition/information on ingredients

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

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· <b>Dangerous components:</b>		
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%
EC number: 927-241-2	Hydrocarbons, C9-C10, n-alkanes, isoalkanes, cyclics, <2% aromatics ⚠ Flam. Liq. 3, H226 ☠ Asp. Tox. 1, H304 ⚠ STOT SE 3, H336 Aquatic Chronic 3, H412 EUH066	<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	<10%
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	<10%
CAS: 106-98-9 EINECS: 203-449-2	but-1-ene ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	<2.5%
CAS: 107-01-7 EINECS: 203-452-9	butene ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	<2.5%
CAS: 115-07-1 EINECS: 204-062-1	propene ⚠ Flam. Gas 1A, H220 Press. Gas (Comp.), H280	<2.5%

· **Regulation (EC) No 648/2004 on  
detergents / Labelling for contents**

aliphatic hydrocarbons ≥ 30%  
Lime

· **Additional information**

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.  
The wording of the listed hazard statements can be found in 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.

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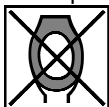
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- **After skin contact** Instantly wash with water and soap and rinse thoroughly.
- **After eye contact** Rinse opened eyes for several minutes under running water.
- **After swallowing** Consult a doctor if symptoms persist
- **4.2 Most important symptoms and effects, both acute and delayed** May cause drowsiness / dizziness.
- **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 spray. Fight larger fires with water spray or alcohol-resistant foam.
- **5.2 Special hazards arising from the substance or mixture** In the event of a fire, may be released:  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide (CO)  
Carbon dioxide (CO<sub>2</sub>)  
Under certain fire conditions, traces of other toxic substances 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.

**\* SECTION 6: Accidental release measures**

- **6.1 Personal precautions, protective equipment and emergency procedures**
- **6.2 Environmental precautions:**
  - Wear protective equipment. Keep unprotected persons away.
  -  Do not allow to enter drains or water courses.
  - 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 section 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.

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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.

Keep container tightly sealed.

#### · 7.3 Specific end use(s)

No further relevant information available.

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

#### · 8.1 Control parameters

##### · Components with critical values that require monitoring at the workplace:

###### 67-63-0 propan-2-ol

WEL	Short-term value: 1250 mg/m <sup>3</sup> , 500 ppm
	Long-term value: 999 mg/m <sup>3</sup> , 400 ppm

###### 106-97-8 butane, pure

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)

##### · Additional information:

The lists that were valid during the compilation were used as basis.

#### · 8.2 Exposure controls

##### · Appropriate engineering controls

No further data; see item 7.

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

##### · General protective and hygienic measures

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.

##### · Breathing equipment:

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.

##### · Hand protection



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

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- **Material of gloves** Nitrile rubber, NBR  
use solvent stable gloves.  
Suitability and resistance of a glove depend on the conditions of use, such as frequency and duration of contact, chemical resistance of the glove material, thickness and fit of the gloves. As a general rule, the glove manufacturer should be consulted for the necessary information. Contaminated or damaged gloves should be replaced immediately.
- **Penetration time of glove material** The exact breakthrough time must be obtained from the protective glove manufacturer and must be observed.
- **Eye/face protection** Not required.
- **Body protection:** Chemical resistant work clothing.

**SECTION 9: Physical and chemical properties**

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

· **General Information**

- **Physical state** Aerosol
- **Colour:** Without color / not defined
- **Smell:** Product specific
- **Odour threshold:** Not determined.
- **Melting point/freezing point:** Not determined
- **Boiling point or initial boiling point and boiling range** -44 °C
- **Flammability** Not applicable.
- **Lower and upper explosion limit**
- **Lower:** 0.6 Vol % (64742-48-9 64742-48-9 Hydrotreated heavy naphtha (Note P))
- **Upper:** 8.5 Vol % (106-97-8 butane, pure)
- **Flash point:** -97 °C
- **Ignition temperature:** 240 °C
- **Decomposition temperature:** Not determined.
- **pH** Not determined.
- **Viscosity:**
- **Kinematic viscosity** Not determined.
- **dynamic:** Not determined.
- **Solubility**
- **Water:** Not miscible or difficult to mix
- **Partition coefficient n-octanol/water (log value)** Not determined.
- **Steam pressure at 20 °C:** 2,100 hPa (106-97-8 butane, pure)
- **Density and/or relative density**
- **Density at 20 °C** ca. 0.7 g/cm<sup>3</sup>
- **Relative density** Not determined.
- **Vapour density** Not determined.

· **9.2 Other information**

- **Appearance:**
- **Form:** Aerosol
- **Important information on protection of health and environment, and on safety.**
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Not determined.
- **Solvent content:**
- **Organic solvents:** 75.6 %

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· Change in condition	
· Evaporation rate	Not applicable.
· Information with regard to physical hazard classes	
· Explosives	Void
· Flammable gases	Void
· Aerosols	Extremely flammable aerosol. Pressurised container: May burst if heated.
· Oxidising gases	Void
· Gases under pressure	Void
· Flammable liquids	Void
· Flammable solids	Void
· Self-reactive substances and mixtures	Void
· Pyrophoric liquids	Void
· Pyrophoric solids	Void
· Self-heating substances and mixtures	Void
· Substances and mixtures, which emit flammable gases in contact with water	Void
· Oxidising liquids	Void
· Oxidising solids	Void
· Organic peroxides	Void
· Corrosive to metals	Void
· Desensitised explosives	Void

**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 hazard classes as defined in Regulation (EC) No 1272/2008
- Acute toxicity Based on available data, the classification criteria are not met.
- Skin corrosion/irritation Causes skin irritation.
- Respiratory or skin sensitisation May cause an allergic skin reaction.
- STOT-single exposure May cause drowsiness or dizziness.
- Aspiration hazard May be fatal if swallowed and enters airways.
- 11.2 Information on other hazards

· Endocrine disrupting properties  
None of the ingredients is listed.

**\* SECTION 12: Ecological information**

- 12.1 Toxicity
- Aquatic toxicity: No further relevant information available.

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- **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.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties** The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Remark:** Toxic for fish
- **Additional ecological information:**
- **General notes:** Toxic for aquatic organisms  
Also poisonous for fish and plankton in water bodies.  
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.

**\* 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:**

Disposal should be carried out in compliance with the legal regulations after consultation with the competent local authority and the disposal company in a suitable facility approved for this purpose. According to EU Directive 2000/532/EC in conjunction with Directive 75/442/EEC, the assignment of a waste code number must be carried out on a sector-specific basis and in consultation with the regional disposal company.

- **Uncleaned packagings:** Void
- **Recommendation:** Disposal according to official regulations.
- **Recommended cleaning agent:** ethyl acetate

**\* SECTION 14: Transport information**

<ul style="list-style-type: none"> <li>· <b>14.1 UN number or ID number</b></li> <li>· <b>ADR, IMDG, IATA</b></li> </ul>	UN1950
<ul style="list-style-type: none"> <li>· <b>14.2 UN proper shipping name</b></li> <li>· <b>ADR</b></li> <li>· <b>IMDG</b></li> <li>· <b>IATA</b></li> </ul>	AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS, MARINE POLLUTANT AEROSOLS, flammable
<ul style="list-style-type: none"> <li>· <b>14.3 Transport hazard class(es)</b></li> <li>· <b>ADR</b></li> </ul>	 
<ul style="list-style-type: none"> <li>· <b>Class</b></li> </ul>	2 5F Gases.

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· Label	2.1
· IMDG	
	
· Class	2.1 Gases.
· Label	2.1
· IATA	
	
· Class	2.1 Gases.
· Label	2.1
· 14.4 Packing group	
· ADR, IMDG, IATA	Void
· 14.5 Environmental hazards:	Product contains environmentally hazardous substances: Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics
· Marine pollutant:	Symbol (fish and tree)
· Special marking (ADR):	Symbol (fish and tree)
· 14.6 Special precautions for user	Warning: Gases.
· Page:	-
· EMS Number:	F-D,S-U
· Stowage Code	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.
· Segregation Code	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. 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.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· Transport/Additional information:	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
· ADR	
· Limited quantities (LQ)	1L
· Excepted quantities (EQ)	Code: E0 Not permitted as Excepted Quantity
· Transport category	2
· Tunnel restriction code	D

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· <b>IMDG</b>	
· <b>Limited quantities (LQ)</b>	1L
· <b>Excepted quantities (EQ)</b>	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**
  - **Seveso category**
  - **Qualifying quantity (tonnes) for the application of lower-tier requirements**
  - **Qualifying quantity (tonnes) for the application of upper-tier requirements**
  - **National regulations**
  - **Information about limitation of use:**
  - **Decree to be applied in case of technical fault:**
  - **Technical instructions (air):**
  - **15.2 Chemical safety assessment:**
- None of the ingredients is listed.  
P3a FLAMMABLE AEROSOLS  
E2 Hazardous to the Aquatic Environment
- 150 t
- 500 t
- avoids
- Employment restrictions concerning young persons must be observed.
- Critical quantity values according to the regulations on accidents should be adhered to.
- | Class | Share in % |
|-------|------------|
| NK    | 18.3       |
- A Chemical Safety Assessment has not been carried out.

**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**
  - **Department issuing data specification sheet:**
  - **Contact:**
- 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.  
H412 Harmful to aquatic life with long lasting effects.  
EUH066 Repeated exposure may cause skin dryness or cracking.
- tesa SE, Corporate Regulatory Affairs  
tesa SE, Corporate Regulatory Affairs, Email: SDS@tesa.com, Tel.: +4940-88899-0

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**· 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)  
PBT: Persistent, Bioaccumulative and Toxic  
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  
Aquatic Chronic 3: Hazardous to the aquatic environment - long-term aquatic hazard – Category 3

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