

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

Printing date 19.01.2012

Revision: 19.01.2012

**\* 1 Identification of the substance/mixture and of the company/legal entity**

· **Product identifier**

· **Trade name** tesa 60042 Adhesive Remover Spray

· **Article number:** tesa 60042 (200ml)

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

· **Application of the substance / the preparation** Cleaning agent / Cleaner

· **Manufacturer/Supplier:** tesa SE Tel.: +49-40-4909-101  
Quickbornstrasse 24  
D-20253 Hamburg  
Germany

· **Informing department:** tesa SE, Quality Management/Environment/Safety, Mr. Dr. Lamm  
Dirk.Lamm@tesa.com, Phone: +49-40-4909-2977  
Head of Corporate Occupational Safety (Beiersdorf AG), Mr. Ziebell  
Hubertus.Ziebell@Beiersdorf.com, Phone: +49-40-4909-4543

· **Emergency telephone number:** tesa SE, Quickbornstr. 24, D-20253 Hamburg  
Security Center Quickbornstr. Phone +49-40-4909-2442  
or +49-40-4909-101


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

**\* 2 Hazards identification**

· **Classification of the substance or mixture**  
· **Classification according to Regulation (EC) No 1272/2008**

 **GHS02 flame**

Flam. Aerosol 1 H222 Extremely flammable aerosol.


 **GHS09 environment**

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

 **GHS07**

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.

· **Classification according to Directive 67/548/EEC or Directive 1999/45/EC**

 **Xi; Irritant**

R38: Irritating to skin.

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 **Xi; Sensitising**

R43: May cause sensitisation by skin contact.

 **F+; Extremely flammable**

R12: Extremely flammable.

 **N; Dangerous for the environment**

R51/53: Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

R67: Vapours may cause drowsiness and dizziness.

**Information concerning particular**

**hazards for human and environment:** The product has to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.

Warning! Pressurized container.

Has a narcotizing effect.

**Label elements**

**Labelling according to Regulation**

(EC) No 1272/2008

**Hazard pictograms**

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



GHS02 GHS07 GHS09

**Signal word**

Danger

**Hazard-determining components of labelling:**

**Hazard statements**

(R)-p-mentha-1,8-diene

H222 Extremely flammable aerosol.

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.

Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.

100.0 % by mass of the contents are flammable

**Precautionary statements**

P101 If medical advice is needed, have product container or label at hand.

P102 Keep out of reach of children.

P103 Read label before use.

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.

P251 Pressurized container: Do not pierce or burn, even after use.

P321 Specific treatment (see on this label).

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.

**Classification system**

**NFPA-Ratings for USA**



Health = 1

Flammability = 4

Reactivity = 3

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










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- **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

### 3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture consisting of the following components.

**Dangerous components:**

CAS: 64742-49-0 EINECS: 265-151-9	Naphtha (petroleum), hydrotreated light  Xn R65  F R11  N R51/53  Carc. 1B, H350; Asp. Tox. 1, H304	< 50.0%
CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy  Xn R65 R66  Carc. 1B, H350; Asp. Tox. 1, H304	< 25.0%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene  Xi R38  Xi R43  N R50/53 R10  Flam. Liq. 3, H226  Aquatic Acute 1, H400; Aquatic Chronic 1, H410  Skin Irrit. 2, H315; Skin Sens. 1, H317	< 25.0%
CAS: 106-97-8 EINECS: 203-448-7	butane, pure  F+ R12  Flam. Gas 1, H220  Press. Gas, H280	< 25.0%
CAS: 74-98-6 EINECS: 200-827-9	propane liquefied  F+ R12  Flam. Gas 1, H220  Press. Gas, H280	< 10.0%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol  Xi R36  F R11 R67  Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	< 10.0%

- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** aliphatic hydrocarbons  $\geq 30\%$

- **Additional information** Limonene  
Ingredients are listed on the can.  
For the wording of the listed risk phrases refer to section 16.

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**4 First aid measures**

- *Description of first aid measures*
- *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* *Do not induce vomiting; instantly call for medical help.  
In case of persistent symptoms consult physician.*
- *Information for occupational physician.*
- *Most important symptoms and effects, both acute and delayed* *Dazedness*
- *Indication of any immediate medical attention and special treatment needed* *If swallowed, gastric irrigation with added, activated carbon.*

**5 Firefighting measures**

- *Extinguishing media*
- *Suitable extinguishing agents* *CO2, sand, extinguishing powder. Do not use water.*
- *For safety reasons unsuitable extinguishing agents* 
 *Water.*  
*Water with a full water jet.*
- *Special hazards arising from the substance or mixture* *Carbon monoxide (CO)  
Nitrogen oxides (NOx)*
- *Advice for firefighters*
- *Protective equipment:* *No special measures required.*
- *Additional information* *Cool endangered containers with water spray jet.*

**6 Accidental release measures**

- *Personal precautions, protective equipment and emergency procedures* *Wear protective equipment. Keep unprotected persons away.*
- *Environmental precautions:* *Inform responsible authorities in case of spilling into water or sewage system.*
- *Methods and material for containment and cleaning up:* *Absorb liquid components with liquid-binding material.  
Ensure adequate ventilation.  
Do not flush with water or aqueous cleansing agents*
- *Reference to other sections* *See Section 8 for information on personal protection equipment.*

**\* 7 Handling and storage**

- *Handling*
- *Precautions for safe handling* *Keep away from heat and direct sunlight.  
Ensure good ventilation/exhaustion at the workplace.  
Open and handle container with care.*

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

Do not spray on flames or red-hot objects.



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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.

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

**Storage**

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

Store in cool location.

Observe official regulations on storing packagings with pressurized containers.

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

Not required.

**Further information about storage conditions:**

Store in cool, dry conditions in well sealed containers.

Protect from heat and direct sunlight.

**Specific end use(s)**

No further relevant information available.

**\* 8 Exposure controls/personal protection**

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

No further data; see item 7.

**Control parameters**

**Components with critical values that require monitoring at the workplace:**

**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)
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**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
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**Additional information:**

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

**Exposure controls**

**Personal protective equipment**

**General protective and hygienic measures**

Instantly remove any contaminated garments.  
Wash hands before breaks and at the end of the work.  
Do not inhale gases / fumes / aerosols.

**Breathing equipment:**

Use breathing filter A2



In case of short term exposure use respiratory protection. In case of intensive or longer exposure use respiratory protection equipment independent from ambient air.

Use respiratory protection in case of insufficient ventilation.

**Protection of hands:**



Solvent resistant gloves

**Material of gloves**

Nitrile rubber, NBR

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· Eye protection:



Tightly sealed safety glasses.

· Body protection:

Protective work clothing.

## \* 9 Physical and chemical properties

· Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	Aerosol
Colour:	Colourless
· Smell:	Fruit-like
· Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	-44°C
· Flash point:	-97°C
· Ignition temperature:	240°C
· Self-inflammability:	Product is not selfigniting.
· Danger of explosion:	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· Critical values for explosion:	
Lower:	0.6 Vol %
Upper:	10.9 Vol %
· Steam pressure at 20°C:	8300 hPa
· Density	Not determined
· Solubility in / Miscibility with	
Water:	Not miscible or difficult to mix
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· Solvent content:	
Organic solvents:	84.2 %
· Other information	No further relevant information available.

## 10 Stability and reactivity

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

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**\*11 Toxicological information**

- Information on toxicological effects
- Acute toxicity:

· LD/LC50 values that are relevant for classification:

**64742-48-9 Shellsol D 60**

Oral	LD50	über8000 mg/kg (rat)
Dermal	LD50	über4000 mg/kg (rab)
Inhalative	LC50/4 h	über 5.4 mg/l (rat)

- Primary irritant effect:
  - on the skin: Irritant for skin and mucous membranes.
  - on the eye: No irritant effect.
- Sensitization: Sensitization possible by skin contact.
- Additional toxicological information: The product shows the following dangerous properties according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:  
Irritant

**\*12 Ecological information**

- Toxicity
- Aquatic toxicity: No further relevant information available.
- Persistence and degradability: No further relevant information available.
- Behaviour in environmental systems:
- Bioaccumulative potential: No further relevant information available.
- 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.
- Results of PBT and vPvB assessment
- PBT: Not applicable.
- vPvB: Not applicable.
- Other adverse effects: No further relevant information available.

**\*13 Disposal considerations**

- Waste treatment methods
- Recommendation



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

· European waste catalogue (recommendation)

16 05 04\* gases in pressure containers (including halons) containing dangerous substances

· 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

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industry requirements. The above mentioned classification is only one possible proposal.

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

**\*14 Transport information**

· <b>UN-Number</b> · <b>ADR, IMDG, IATA</b>	UN1950
· <b>UN proper shipping name</b> · <b>ADR</b> · <b>IMDG</b> · <b>IATA</b>	1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS AEROSOLS AEROSOLS, flammable
· <b>Transport hazard class(es)</b> · <b>ADR</b>	
	
· <b>Class</b> · <b>Label</b>	2 5F Gases. 2.1
· <b>IMDG</b>	
	
· <b>Class</b> · <b>Label</b>	2.1 2.1
· <b>IATA</b>	
	
· <b>Class</b> · <b>Label</b>	2.1 2.1
· <b>Packing group</b> · <b>ADR, IMDG, IATA</b>	Void
· <b>Environmental hazards:</b> · <b>Marine pollutant:</b> · <b>Special marking (ADR):</b>	Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene, 64742-49-0 Naphtha (petroleum), hydrotreated light Yes Symbol (fish and tree) Symbol (fish and tree)
· <b>Special precautions for user</b> · <b>Page:</b>	Warning: Gases. -

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· <b>EMS Number:</b>	F-D,S-U
· <b>Transport in bulk according to Annex II of MARPOL73/78 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>Tunnel restriction code</b>	D
· <b>UN "Model Regulation":</b>	UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1

**\*15 Regulatory information**

- Safety, health and environmental regulations/legislation specific for the substance or mixture
- National regulations
- Technical instructions (air):

Class	Share in %
III	39.8
NK	44.4

- **Water hazard class:** Water hazard class 2 (Self-assessment): hazardous for water.
- **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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.
  - H336 May cause drowsiness or dizziness.
  - H350 May cause cancer.
  - H400 Very toxic to aquatic life.
  - H410 Very toxic to aquatic life with long lasting effects.
  - R10 Flammable.
  - R11 Highly flammable.
  - R12 Extremely flammable.
  - R36 Irritating to eyes.
  - R38 Irritating to skin.
  - R43 May cause sensitisation by skin contact.
  - R50/53 Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
  - R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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- R65 Harmful: may cause lung damage if swallowed.*  
*R66 Repeated exposure may cause skin dryness or cracking.*  
*R67 Vapours may cause drowsiness and dizziness.*
- **Contact:** tesa SE : Dr. Lamm Phone: +49-40-4909-2977  
Corporate Occupational Safety (Beiersdorf AG): H. Ziebell Phone: +49-40-4909-4543
- **Abbreviations and acronyms:** 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)  
IMDG: International Maritime Code for Dangerous Goods  
IATA: International Air Transport Association  
ICAO: International Civil Aviation Organization  
GHS: Globally Harmonized System of Classification and Labelling of Chemicals  
NFPA: National Fire Protection Association (USA)  
LC50: Lethal concentration, 50 percent  
LD50: Lethal dose, 50 percent
- **\* Data compared to the previous version altered.**