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

1.1 Product identifier

tesa 60042 Adhesive Remover Spray

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

No further relevant information available.

1.3 Manufacturer/Supplier:

tesa SE
Hugo-Kirchberg-Strasse 1
D-22848 Norderstedt
Germany

Informing department:
tesa SE, quality management/environment/occupational safety, Dr. Dirk Lamm
Dirk.Lamm@tesa.com, Tel.: +49-40-88899-2977

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 6 266
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

GHS02 flame
Aerosol 1 H222-H229 Extremely flammable aerosol. Pressurised container: May burst if heated.

GHS07 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.
Asp. Tox. 1 H304 May be fatal if swallowed and enters airways.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008

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

GHS02 GHS07 GHS09

(Contd. on page 2)
Trade name tesa 60042 Adhesive Remover Spray

· Signal word
  Danger

· Hazard-determining components of labelling:
  Naphtha (petroleum), hydrotreated light
  (R)-p-mentha-1,8-diene
  64742-48-9 Hydrotreated heavy naphtha (Note P)

· 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 label before use.
  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 elualable organic halogen 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 consisting of the following components.

· Dangerous components:

<table>
<thead>
<tr>
<th>CAS</th>
<th>Description</th>
<th>EINECS</th>
<th>Reg.nr.</th>
<th>Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>64742-49-0</td>
<td>Naphtha (petroleum), hydrotreated light</td>
<td>265-150-3</td>
<td>01-2119486291-36-XXXX</td>
<td>&lt;50%</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>Hydrotreated heavy naphtha (Note P)</td>
<td>265-150-3</td>
<td>01-2119486291-36-XXXX</td>
<td>&lt;50%</td>
</tr>
<tr>
<td>64742-48-9</td>
<td>(R)-p-mentha-1,8-diene</td>
<td>265-150-3</td>
<td>01-2119486291-36-XXXX</td>
<td>&lt;50%</td>
</tr>
<tr>
<td>5989-27-5</td>
<td>butane, pure</td>
<td>203-448-7</td>
<td>01-2119474691-32-xxxx</td>
<td>&lt;25%</td>
</tr>
<tr>
<td>74-98-8</td>
<td>propane liquefied</td>
<td>200-827-9</td>
<td>01-2119486944-21-xxxx</td>
<td>&lt;25%</td>
</tr>
<tr>
<td>87-63-0</td>
<td>propan-2-ol</td>
<td>200-661-7</td>
<td>01-2119457558-25-XXXX</td>
<td>&lt;10%</td>
</tr>
</tbody>
</table>

· SVHC
  Free of any SVHC substances or < 0.1 %
Trade name tesa 60042 Adhesive Remover Spray

· Regulation (EC) No 648/2004 on detergents / Labelling for contents
  aliphatic hydrocarbons ≥ 30%
  Limonene

· Additional information
  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
    Instantly remove any clothing soiled by the product.
  - After inhalation
    Supply fresh air and call physician for safety reasons.
  - 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
  Dazedness
  May cause drowsiness.

· 4.3 Indication of any immediate medical attention and special treatment needed
  If swallowed, gastric irrigation with added, activated carbon.

**SECTION 5: Firefighting measures**

· 5.1 Extinguishing media
  - Suitable extinguishing agents
    CO2, 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 (NOx)
  - 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.
  - Additional information
    Do not inhale explosion gases or combustion gases.
    Cool endangered containers with water spray jet.

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

- **8.1 Control parameters**

<table>
<thead>
<tr>
<th>Component</th>
<th>Short-term value</th>
<th>Long-term value</th>
</tr>
</thead>
<tbody>
<tr>
<td>106-97-8 butane, pure</td>
<td>1810 mg/m³, 750 ppm</td>
<td>1450 mg/m³, 600 ppm</td>
</tr>
<tr>
<td>Carc (if more than 0.1% of buta-1,3-diene)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **8.2 Exposure controls**

<table>
<thead>
<tr>
<th>Personal protective equipment</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>General protective and hygienic measures</td>
<td>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.</td>
</tr>
<tr>
<td>Breathing equipment</td>
<td>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.</td>
</tr>
<tr>
<td>Protection of hands</td>
<td>Solvent resistant gloves Protective gloves.</td>
</tr>
</tbody>
</table>
**SECTION 9: Physical and chemical properties**

- **9.1 Information on basic physical and chemical properties**
- **General Information**
  - **Appearance:**
    - **Form:** Aerosol
    - **Colour:** Colourless
    - **Smell:** Product specific
    - **Odour threshold:** Not determined.
  - **pH-value:** Not determined.
- **Change in condition**
  - **Melting point/freezing point:** Not determined
  - **Initial boiling point and boiling range:** 60 °C
- **Flash point:** -97 °C
- **Inflammability (solid, gaseous)**: Not applicable.
- **Ignition temperature:** 240 °C
- **Decomposition temperature:** Not determined.
- **Self-inflammability:** Product is not selfigniting.
- **Explosive properties:** Not determined.
- **Critical values for explosion:**
  - **Lower:** 0.6 Vol %
  - **Upper:** 10.9 Vol %
- **Steam pressure at 20 °C:** 8,300 hPa
- **Density** Not determined
- **Relative density** Not determined.
- **Vapour density** Not determined.
- **Evaporation rate** Not applicable.
- **Solubility in / Miscibility with Water:** Not miscible or difficult to mix
- **Partition coefficient: n-octanol/water:** Not determined.
- **Viscosity:**
  - **dynamic:** Not determined.
  - **kinematic:** Not determined.
- **Solvent content:**
  - **Organic solvents:** 84.2 %
  - **Solids content:** 0.0 %
9.2 Other information
No further relevant information available.

SECTION 10: Stability and reactivity

10.1 Reactivity
No further relevant information available.

10.2 Chemical stability

10.3 Possibility of hazardous reactions
No decomposition if used according to specifications.

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.

LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimates)
Inhalative LC50/4 h >34.2 mg/l

64742-48-9 64742-48-9 Hydrotreated heavy naphtha (Note P)

Oral LD50 >8,000 mg/kg (Rat)
Dermal LD50 >4,000 mg/kg (Rabbit)
Inhalative LC50/4 h >5.4 mg/l (Rat)

Primary irritant effect:
- Skin corrosion/irritation: Causes skin irritation.
- Serious eye damage/irritation: Based on available data, the classification criteria are not met.
- Respiratory or skin sensitisation: May cause an allergic skin reaction.
- CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)
  - 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.
  - STOT-repeated exposure: Based on available data, the classification criteria are not met.
  - Aspiration hazard: 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:

Additional ecological information:

General notes:

12.5 Results of PBT and vPvB assessment

PBT:
Not applicable.
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.

European waste catalogue (recommendation)

| HP 3 | Flammable |
| HP 4 | Irritant - skin irritation and eye damage |
| HP 5 | Specific Target Organ Toxicity (STOT)/Aspiration Toxicity |
| HP 6 | Acute Toxicity |
| HP 13 | Sensitising |
| HP 14 | Ecotoxic |

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: Disposal according to official regulations.

Recommended cleaning agent: ethyl acetate

SECTION 14: Transport information

14.1 UN-Number
ADR, IMDG, IATA
UN1950

14.2 UN proper shipping name
ADR
AEROSOLS, ENVIRONMENTALLY HAZARDOUS
IMDG
AEROSOLS, MARINE POLLUTANT
IATA
AEROSOLS

14.3 Transport hazard class(es)

ADR

Class
2 2.1 Gases.
Label
2.1

IMDG

Class
2 Gases.
**Label**  
2.1

**IATA**

- Class 2 Gases.
- Label 2.1

**14.4 Packing group**
- ADR Void

**14.5 Environmental hazards:**
- Marine pollutant: Symbol (fish and tree)
- Special marking (ADR): Symbol (fish and tree)

**14.6 Special precautions for user**
- Warning: Gases.
- Page: 23
- 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 Transport in bulk according to Annex II of Marpol and the IBC Code**
- 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

**IMDG**
- Limited quantities (LQ): 1L
- Excepted quantities (EQ): Code: E0
  Not permitted as Excepted Quantity

**UN "Model Regulation":**
- 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.
Trade name tesa 60042 Adhesive Remover Spray

- **Seveso category**: P3a FLAMMABLE AEROSOLS
- **Qualifying quantity (tonnes) for the application of lower-tier requirements**: 150 t
- **Qualifying quantity (tonnes) for the application of upper-tier requirements**: 500 t
- **REGULATION (EC) No 1907/2006 ANNEX XVII**: Conditions of restriction: 3

**National regulations**

- **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):**

<table>
<thead>
<tr>
<th>Class</th>
<th>Share in %</th>
</tr>
</thead>
<tbody>
<tr>
<td>III</td>
<td>55.6</td>
</tr>
<tr>
<td>NK</td>
<td>44.4</td>
</tr>
</tbody>
</table>

**Water hazard class**: Water danger class 3 (Self-assessment): extremely hazardous for water.

**15.2 Chemical safety assessment**: 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**
  - H220 Extremely flammable gas.
  - H225 Highly flammable liquid and vapour.
  - H226 Flammable liquid and vapour.
  - H280 Contains gas under pressure; may explode if heated.
  - H300 Fatal if swallowed.
  - H301 May be fatal if swallowed and enters airways.
  - H310 Fatal in contact with skin.
  - H315 Causes skin irritation.
  - H317 May cause an allergic skin reaction.
  - H318 Causes serious eye irritation.
  - H319 Toxic if inhaled.
  - H330 May cause drowsiness or dizziness.
  - H400 Very toxic to aquatic life.
  - H410 Very toxic to aquatic life with long lasting effects.
  - H411 Toxic to aquatic life with long lasting effects.

- **Department issuing data specification sheet**: tesa SE. Quality Management/Environment/Safety
- **Contact**: tesa SE: Dr. D. Lamm, Phone: +49-40-88899-2977, Email: dirk.lamm@tesa.com
tesa SE: Dr. A. Koeth, Phone: +49-40-88899-3938, Email: anja.koeth@tesa.com
- **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)
  - 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 1: Flammable gases – Category 1
  - Aerosol 1: Aerosols – Category 1
  - Press. Gas (Comp.): Gases under pressure – Compressed gas
## Trade name tesa 60042 Adhesive Remover Spray

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flam. Liq. 2</td>
<td>Flammable liquids – Category 2</td>
</tr>
<tr>
<td>Flam. Liq. 3</td>
<td>Flammable liquids – Category 3</td>
</tr>
<tr>
<td>Acute Tox. 1</td>
<td>Acute toxicity – Category 1</td>
</tr>
<tr>
<td>Acute Tox. 3</td>
<td>Acute toxicity – Category 3</td>
</tr>
<tr>
<td>Skin Irrit. 2</td>
<td>Skin corrosion/irritation – Category 2</td>
</tr>
<tr>
<td>Eye Irrit. 2</td>
<td>Serious eye damage/eye irritation – Category 2</td>
</tr>
<tr>
<td>Skin Sens. 1</td>
<td>Skin sensitisation – Category 1</td>
</tr>
<tr>
<td>STOT SE 3</td>
<td>Specific target organ toxicity (single exposure) – Category 3</td>
</tr>
<tr>
<td>Asp. Tox. 1</td>
<td>Aspiration hazard – Category 1</td>
</tr>
<tr>
<td>Aquatic Acute 1</td>
<td>Hazardous to the aquatic environment - acute aquatic hazard – Category 1</td>
</tr>
<tr>
<td>Aquatic Chronic 1</td>
<td>Hazardous to the aquatic environment - long-term aquatic hazard – Category 2</td>
</tr>
</tbody>
</table>

* Data compared to the previous version altered.