

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

Printing date 16.06.2015

Version number 40

Revision: 16.06.2015

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

· 1.1 Product identifier

· Trade name *tesa 60042 Adhesive Remover Spray*

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

· 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  
*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/occupational safety, Dr. Dirk Lamm*  
*Dirk.Lamm@tesa.com, Tel.: +49-40-4909-2977*  
*tesa SE, quality management/environment/occupational safety, Dr. Anja Koeth*  
*Anja.Koeth@tesa.com, Tel.: +49-40-4909-3938*

· 1.4 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*

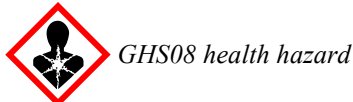
**\* SECTION 2: Hazards identification**

· 2.1 Classification of the substance or mixture

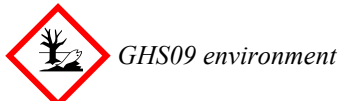
· Classification according to Regulation (EC) No 1272/2008



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



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



*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.*

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STOT SE 3 H336 May cause drowsiness or dizziness.

**2.2 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 GHS08 GHS09

**Signal word**

Danger

**Hazard-determining components of labelling:**64742-49-0 Naphtha (petroleum), hydrotreated light (Note P)  
(R)-p-mentha-1,8-diene  
Shellsol D 60**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.

H304 May be fatal if swallowed and enters airways.

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.

P251 Do not pierce or burn, even after use.

P301+P310 IF SWALLOWED: Immediately call a POISON CENTER/ doctor.

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.

**Additional information:**

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

**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 consisting of the following components.

**Dangerous components:**

CAS: 64742-49-0	Naphtha (petroleum), hydrotreated light	< 50.0%
EINECS: 265-151-9	 Flam. Liq. 2, H225  Muta. 1B, H340; Carc. 1B, H350; Asp. Tox. 1, H304	

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




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CAS: 64742-48-9 EINECS: 265-150-3	Naphtha (petroleum), hydrotreated heavy  	< 25.0%
CAS: 5989-27-5 EINECS: 227-813-5	(R)-p-mentha-1,8-diene   	< 25.0%
CAS: 106-97-8 EINECS: 203-448-7	butane, pure  Press. Gas C, H280	< 25.0%
CAS: 74-98-6 EINECS: 200-827-9	propane liquefied  Press. Gas C, H280	< 10.0%
CAS: 67-63-0 EINECS: 200-661-7	propan-2-ol  	< 10.0%

- **SVHC** Free of any SVHC substances or < 0.1 %
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents**
  - aliphatic hydrocarbons ≥ 30%
  - Limonene
- **Additional information**
  - Ingredients are listed on the can.
  - For the wording of the listed risk phrases refer to section 16.

### SECTION 4: First aid measures

- **4.1 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.
- **4.2 Most important symptoms and effects, both acute and delayed** Dazedness
- **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** CO<sub>2</sub>, sand, extinguishing powder. Do not use water.
- **Suitable extinguishing agents**
- **For safety reasons unsuitable extinguishing agents**
  -  Water.
  - Water with a full water jet.
- **5.2 Special hazards arising from the substance or mixture**
  - Carbon monoxide (CO)
  - Nitrogen oxide (NO<sub>x</sub>)
  - Carbon monoxide (CO)
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

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· **Additional information** *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:** *Inform responsible authorities in case of spilling into water or sewage system.*
- **6.3 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*
- **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.  
Open and handle container with care.*
- **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.*
- **7.2 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 pressurised 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.*
- **7.3 Specific end use(s)** *No further relevant information available.*

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

- **Additional information about design of technical systems:** *No further data; see item 7.*
- **8.1 Control parameters**

<b>Components with critical values that require monitoring at the workplace:</b>	
<b>106-97-8 butane, pure</b>	
<b>WEL</b>	<i>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)</i>

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<b>67-63-0 propan-2-ol</b>	
<b>WEL</b>	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>	Instantly remove any contaminated garments. Wash hands before breaks and at the end of the work. Do not inhale gases / fumes / aerosols.
· <b>Breathing equipment:</b>	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.
· <b>Protection of hands:</b>	Use respiratory protection in case of insufficient ventilation.  Solvent resistant gloves
· <b>Material of gloves</b>	Nitrile rubber, NBR
· <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>	 Tightly sealed safety glasses.
· <b>Body protection:</b>	Protective work clothing.

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

· <b>9.1 Information on basic physical and chemical properties</b>	
· <b>General Information</b>	
· <b>Appearance:</b>	
<b>Form:</b>	Aerosol
<b>Colour:</b>	Colourless
· <b>Smell:</b>	Fruit-like
· <b>Change in condition</b>	
<b>Melting point/Melting range:</b>	Not determined
<b>Boiling point/Boiling range:</b>	-44 °C
· <b>Flash point:</b>	-97 °C
· <b>Ignition temperature:</b>	240 °C
· <b>Self-inflammability:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product is not explosive. However, formation of explosive air/steam mixtures is possible.
· <b>Critical values for explosion:</b>	
<b>Lower:</b>	0.6 Vol %
<b>Upper:</b>	10.9 Vol %
· <b>Steam pressure at 20 °C:</b>	8300 hPa
· <b>Density</b>	Not determined

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· <b>Solubility in / Miscibility with Water:</b>	Not miscible or difficult to mix
· <b>Viscosity:</b> dynamic:	Not determined.
kinematic:	Not determined.
· <b>Solvent content:</b> Organic solvents:	84.2 %
· <b>9.2 Other information</b>	No further relevant information available.

### SECTION 10: Stability and reactivity

- **10.1 Reactivity**
- **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**

· <b>LD/LC50 values that are relevant for classification:</b>		
<b>64742-49-0 Naphtha (petroleum), hydrotreated light (Note P)</b>		
Oral	LD50	2000 mg/kg (Ratte)
Dermal	LD50	4000 mg/kg (Rabbit)
Inhalative	LC50/ 4 h	54 mg/l (Ratte)
<b>64742-48-9 Shellsol D 60</b>		
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:**
- **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.

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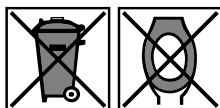
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**SECTION 12: Ecological information**

- **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.*

- **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 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**

*1950 AEROSOLS, ENVIRONMENTALLY HAZARDOUS*

- **IMDG**

*AEROSOLS, MARINE POLLUTANT*

- **IATA**

*AEROSOLS, flammable*

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· 14.3 Transport hazard class(es) · ADR 	· Class 2 5F Gases. · Label 2.1
· IMDG 	· Class 2.1 · Label 2.1
· IATA 	· Class 2.1 · Label 2.1
· 14.4 Packing group · ADR, IMDG, IATA	Void
· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR):	Product contains environmentally hazardous substances: (R)-p-mentha-1,8-diene, 64742-49-0 Naphtha (petroleum), hydrotreated light (Note P) Yes Symbol (fish and tree) Symbol (fish and tree)
· 14.6 Special precautions for user · Page: · EMS Number:	Warning: Gases. - F-D,S-U
· 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) · Excepted quantities (EQ) · Transport category · Tunnel restriction code	1L Code: E0 Not permitted as Excepted Quantity 2 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>	UN1950, AEROSOLS, ENVIRONMENTALLY HAZARDOUS, 2.1

**\* 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.

· **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.

· **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.  
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.  
H340 May cause genetic defects.  
H350 May cause cancer.  
H400 Very toxic to aquatic life.  
H410 Very toxic to aquatic life with long lasting effects.

· **Contact:**

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tesa SE: Dr. A. Koeth, Phone: +49-40-4909-3938, 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  
Flam. Gas 1: Flammable gases, Hazard Category 1  
Flam. Aerosol 1: Flammable aerosols, Hazard Category 1  
Press. Gas C: Gases under pressure: Compressed gas  
Flam. Liq. 2: Flammable liquids, Hazard Category 2

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*Flam. Liq. 3: Flammable liquids, Hazard Category 3*  
*Skin Irrit. 2: Skin corrosion/irritation, Hazard Category 2*  
*Eye Irrit. 2: Serious eye damage/eye irritation, Hazard Category 2*  
*Skin Sens. 1: Sensitisation - Skin, Hazard Category 1*  
*Muta. 1B: Germ cell mutagenicity, Hazard Category 1B*  
*Carc. 1B: Carcinogenicity, Hazard Category 1B*  
*STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3*  
*Asp. Tox. 1: Aspiration hazard, Hazard Category 1*  
*Aquatic Acute 1: Hazardous to the aquatic environment - AcuteHazard, Category 1*  
  
*Aquatic Chronic 1: Hazardous to the aquatic environment - Chronic Hazard, Category 1*  
  
*Aquatic Chronic 2: Hazardous to the aquatic environment - Chronic Hazard, Category 2*

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