

Page 1/12

Tel.: +49-40-88899-101

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

1 Identification

· Product identifier

Trade name tesa Adhesive Remover Spray

• **Article number:** 60042 57981

58610

· Application of the substance / the

mixture

Industrial cleaner

· Manufacturer/Supplier: tesa SE

Hugo-Kirchberg-Str. 1 D-22848 Norderstedt

Germany

· Informing department: tesa SE, Corporate Regulatory Affairs

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

• Emergency telephone number: tesa SE, Hugo-Kirchberg-Str. 1, D-22848 Norderstedt

Security Center Phone +49-40-88899-0 or +49-40-88899-9111

2 Hazard(s) identification

· Classification of the substance or mixture



GHS02 Flame

Flammable Aerosols 1 H222 Extremely flammable aerosol.



GHS04 Gas cylinder

Gases under Pressure - Compressed gas H280 Contains gas under pressure; may explode if heated.



GHS08 Health hazard

Aspiration Hazard 1 H304 May be fatal if swallowed and enters airways.



GHS07

Skin Irrititation 2 H315 Causes skin irritation.

Sensitization - Skin 1 H317 May cause an allergic skin reaction. Specific Target Organ Toxicity - Single Exposure 3 H336 May cause drowsiness or dizziness.

· Label elements

GHS label elements

The product is classified and labeled according to the Globally Harmonized System (GHS).

· Hazard pictograms









GHS02

GHS04

7 GHS08



Page 2/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 1)

· **Signal word** Danger

· Hazard-determining components of

labeling:

Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics

Orange, sweet, ekt.

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

propan-2-ol

· Hazard statements

Extremely flammable aerosol.

Contains gas under pressure; may explode if heated.

Causes skin irritation.

May cause an allergic skin reaction. May cause drowsiness or dizziness.

May be fatal if swallowed and enters airways.

· Precautionary statements

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

Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. If swallowed: Immediately call a poison center/doctor.

Specific treatment (see on this label).

Do NOT induce vomiting.

Take off contaminated clothing and wash it before reuse.

Store locked up.

Protect from sunlight. Store in a well-ventilated place.

Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Dispose of contents/container in accordance with local/regional/national/international

regulations.

· Classification system

NFPA ratings (scale 0-4)



Health = 1 Fire = 4 Reactivity = 3

· HMIS ratings (scale 0-4)



Health = 1 Fire = 4 Reactivity = 3

· Other hazards

The preparation contains no elualable organic halogene compounds, which increases

the AOX values

· Results of PBT and vPvB assessment

PBT: Not applicable.vPvB: Not applicable.

3 Composition/information on ingredients

· Chemical characterization: Mixtures

Description: Mixture in the format of an 'adhesive tape, consisting of the following components

· Dangerous components:

64742-49-0 Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics

<50%

🚸 Flammable Liquids 2, H225

\lambda Aspiration Hazard 1, H304

🔥 Skin Irrititation 2, H315; Specific Target Organ Toxicity - Single Exposure 3, H336

(Contd. on page 3)



Page 3/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

		(Contd. of page 2
8028-48-6	Orange, sweet, ekt. Plammable Liquids 3, H226 Aspiration Hazard 1, H304 Skin Irrititation 2, H315; Sensitization - Skin 1, H317	<25%
64742-48-9	64742-48-9 Hydrotreated heavy naphtha (Note P) Acute Toxicity - Inhalation 3, H331 Aspiration Hazard 1, H304 Flammable Liquids 4, H227	<25%
106-97-8	butane, pure Flammable Gases 1, H220 Gases under Pressure - Compressed gas, H280 Acute Toxicity - Inhalation 3, H331	<25%
67-63-0	propan-2-ol Flammable Liquids 2, H225 Eye Irritation 2A, H319; Specific Target Organ Toxicity - Single Exposure 3, H336	<10%
74-98-6	propane liquefied Flammable Gases 1, H220 Gases under Pressure - Compressed gas, H280	<10%
75-28-5	isobutane Flammable Gases 1, H220 Gases under Pressure - Compressed gas, H280	<2.5%

Asp. Tox. 1, H304 of contained components is not applicable to the aerosol present i aerosol dispensers according to EC 1272/2008 Annex I, 1.3.3. For the wording of the listed hazard phrases refer to section 16.

4 First-aid measures

· 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 for doctor 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 eye for several minutes under running water.

· After swallowing In case of persistent symptoms consult doctor.

· Information for doctor

 Most important symptoms and effects, both acute and delayed

Indication of any immediate medical attention and special treatment

May cause drowsiness.

No further relevant information available.

5 Fire-fighting measures

· Extinguishing media

needed

· Suitable extinguishing agents CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-

resistant foam.

· 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.

(Contd. on page 4)



Page 4/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 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.

6 Accidental release measures

Personal precautions, protective equipment and emergency procedures

· Environmental precautions:

Wear protective equipment. Keep unprotected persons away.

Do not allow product to reach sewage system or water bodies.

Inform respective authorities in case product reaches water or sewage system.

· 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.

• 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.

· Protective Action Criteria for Chemicals

· PAC-1:		
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics	1,000 mg/m ³
64742-48-9	64742-48-9 Hydrotreated heavy naphtha (Note P)	350 mg/m ³
106-97-8	butane, pure	5500* ppm
67-63-0	propan-2-ol	400 ppm
74-98-6	74-98-6 propane liquefied	
75-28-5	5 isobutane 550	
· PAC-2:		
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics	11,000 mg/m ³
64742-48-9	64742-48-9 Hydrotreated heavy naphtha (Note P)	1,800 mg/m³
106-97-8	butane, pure	17000** ppm
67-63-0	propan-2-ol	2000* ppm
74-98-6	propane liquefied	17000** ppm
75-28-5	5-28-5 isobutane 17000	
· PAC-3:		
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics	66,000 mg/m ³
64742-48-9	64742-48-9 Hydrotreated heavy naphtha (Note P)	40,000 mg/m ³
106-97-8	butane, pure	53000*** ppm
67-63-0	propan-2-ol	12000** ppm
74-98-6	propane liquefied	33000*** ppm
75-28-5	isobutane	53000*** ppm

7 Handling and storage

· Handling

· Precautions for safe handling Keep away from heat and direct sunlight.



Page 5/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 4)

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.

- · Conditions for safe storage, including any incompatibilities
- · Storage

Requirements to be met by

storerooms and containers:

Information about storage in one common storage facility:

· Further information about storage

conditions:

· Storage class

Observe official regulations on storing packagings with pressurized containers.

Not required.

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

exploding.

Keep container tightly sealed. 2B pressurized-gas packages

• 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:

The following constituents are the only constituents of the product which have a PEL,

TLV or other recommended exposure limit.

At this time, the other constituents have no known exposure limits.

106-97-8 butane, pure

REL Long-term value: 1900 mg/m³, 800 ppm

TLV Short-term value: 1000 ppm

(EX)

67-63-0 propan-2-ol

PEL Long-term value: 980 mg/m³, 400 ppm
REL Short-term value: 1225 mg/m³, 500 ppm
Long-term value: 980 mg/m³, 400 ppm

Short-term value: 400 ppm

Long-term value: 200 ppm

BEI, A4

74-98-6 propane liquefied

PEL Long-term value: 1800 mg/m³, 1000 ppm REL Long-term value: 1800 mg/m³, 1000 ppm

TLV see Appendix F Minimal oxygen content (D, EX)

75-28-5 isobutane

TLV | Short-term value: 1000 ppm

(EX)

(Contd. on page 6)



Page 6/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 5)

Ingredients with biological limit values:

67-63-0 propan-2-ol

BEI 40 mg/L

Medium: urine

Time: end of shift at end of workweek

Parameter: Acetone (background, nonspecific)

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

· Exposure controls

· 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 soiled and impregnated garments. Wash hands during 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 brief exposure or low pollution use breathing filter apparatus. In case of intensive or longer exposure use breathing apparatus that is independent of circulating air.

· Protection of hands:



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

· Material of gloves Nitrile rubber, NBR

use solvent stable gloves.

Not applicable.

· Penetration time of glove material The exact break trough time has to be found out by the manufacturer of the protective

gloves and has to be observed.

· Eye protection: Not required.

9 Physical and chemical properties

· Information on basic physical and chemical properties

· General Information

· Appearance:

Form: Aerosol Colour: Colourless · Smell: Product specific · Odor threshold: Not determined.

· pH-value: Not determined.

· Change in condition

· Inflammability (solid, gaseous)

Melting point/Melting range: Not determined Boiling point/Boiling range: -44 °C (-47.2 °F) · Flash point: -97 °C (-142.6 °F)

(Contd. on page 7)



Page 7/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 6)

	(Conta. or page 6)
· Ignition temperature:	240 °C (464 °F)
· Decomposition temperature:	Not determined.
· Self-inflammability:	Product is not selfigniting.
· Danger of explosion:	Not determined.
· Critical values for explosion: Lower: Upper:	0.6 Vol % 8.5 Vol %
· Steam pressure at 20 °C (68 °F):	2,100 hPa (1.600 mm Hg)
· Density at 20 °C (68 °F) · Relative density · Vapor density · Evaporation rate	0.7 g/cm³ (5.8415 lbs/gal) Not determined Not determined. Not determined. Not applicable.
Solubility in / Miscibility with Water:	Not miscible or difficult to mix
· Partition coefficient (n-octanol/wate	er): Not determined.
· Viscosity: dynamic: kinematic:	Not determined. Not determined.
· Solvent content: Organic solvents:	27.0 %
Solids content:	0.0 %
· Other information	No further relevant information available.

10 Stability and reactivity

· **Reactivity** No further relevant information available.

· 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

11 Toxicological information

- · Information on toxicological effects
- · Acute toxicity:
- · LD/LC50 values that are relevant for classification:

ATE (Acute Toxicity Estimate)

Inhalative LC50/ 4 h >27.1 mg/l

Primary irritant effect:

on the skin: Irritant for skin and mucous membranes.

on the eye: No irritant effect.

(Contd. on page 8)



Page 8/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 7)

· **Sensitization:** Sensitization possible by skin contact.

· Additional toxicological

information: The product shows the following dangers according to the calculation method of the

General EC Classification Guidelines for Preparations as issued in the latest version:

Irritant

Carcinogenic categories

· IARC (International Agency for Research on Cancer)

67-63-0 propan-2-ol

3

· NTP (National Toxicology Program)

None of the ingredients is listed.

· OSHA-Ca (Occupational Safety & Health Administration)

None of the ingredients is listed.

*12 Ecological information

· Toxicity

Aquatic toxicity:
 Persistence and degradability
 No further relevant information available.
 No further relevant information available.

Behaviour in environmental systems:

Bioaccumulative potential
 Mobility in soil
 No further relevant information available.
 No further relevant information available.

· Ecotoxical 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.

Do not allow product to reach ground water, water bodies or sewage system.

Danger to drinking water if even 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.

Must be specially treated under adherence to official regulations.

· Uncleaned packagings: Void

· Recommended cleaning agent: ethyl acetate

14 Transport information

· UN-Number

· DOT, ADR, IMDG, IATA UN1950

(Contd. on page 9)



Page 9/12

Safety Data Sheet acc. to OSHA HCS

Reviewed on 04/08/2022 Printing date 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 8)

· UN proper shipping name

· DOT

AEROSOLS, ENVIRONMENTALLY HAZARDOUS · ADR

· IMDG AEROSOLS, MARINE POLLUTANT

AEROSOLS

Aerosols

· Transport hazard class(es)

· DOT

·IATA



· Class 2 Gases · Label 2.1

· ADR





· Class 2 2.1 Gases

· Label 2.1

·IMDG





· Class 2 Gases · Label 2.1

·IATA



· Class 2 Gases · Label 2.1

· Packing group

· DOT, ADR Void

· Environmental hazards:

· Marine pollutant: Yes (DOT)

Symbol (fish and tree) · Special marking (ADR): Symbol (fish and tree)

· Special precautions for user Warning: Gases

Kemler Number:

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



Page 10/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

living quarters.

Trade name tesa Adhesive Remover Spray

. Sogranation Code

(Contd. of page 9)

· 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.
Transport in bulk according to Annex II of MARPOL73/7 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 commoditiy for airtransport of finished goods in packages up to 30 kg possible (gross weight). DOT: ORM-D consumer commoditiy for road transport inside US
·DOT	
· Quantity limitations	On passenger aircraft/rail: 75 kg On cargo aircraft only: 150 kg
· Remarks:	Special marking with the symbol (fish and tree).

· ADR

· Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

·IMDG

· Limited quantities (LQ) · Excepted quantities (EQ)

Code: E0

Not permitted as Excepted Quantity

· UN "Model Regulation": UN 1950 AEROSOLS, 2.1, ENVIRONMENTALLY

HAZARDOUS

15 Regulatory information

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

· Hazardous Air Pollutants

None of the ingredients is listed.

· Cancerogenity categories

· TLV (Threshold Limit Value)

67-63-0 propan-2-ol

Α4

· MAK (German Maximum Workplace Concentration)

None of the ingredients is listed.

· NIOSH-Ca (National Institute for Occupational Safety and Health)

None of the ingredients is listed.

· 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

(Contd. on page 11)



Page 11/12

Safety Data Sheet acc. to OSHA HCS

Reviewed on 04/08/2022 Printing date 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 10)

· Technical instructions (air):

Class	Share in %
Ш	15.8
NK	27.0

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

· Other regulations, limitations and prohibitive regulations

·TSCA		
64742-49-0	Hydrocarbons, C6-C7, n-alkanes, isoalkanes, cyclics	
64742-48-9	64742-48-9 Hydrotreated heavy naphtha (Note P)	
106-97-8	-8 butane, pure	
67-63-0	propan-2-ol	
74-98-6	propane liquefied	
75-28-5	isobutane	
· SARA Section 313		
67-63-0 propan-2-ol		
SARA section 355		
-		
Proposition 65 - Cancer		
-		
· Chemical safety assessment: A Chemical Safety Assessment has not been carried out.		

16 Other information

These data are 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.

Department issuing data specification sheet:

tesa SE, Corporate Regulatory Affairs Contact:

Date of preparation / last revision

tesa SE, Corporate Regulatory Affairs, Email: msds@tesa.com, Tel.: 040-88899-0

04/08/2022 / 80

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement · Abbreviations and acronyms:

Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

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) NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

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 NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health TLV: Threshold Limit Value PEL: Permissible Exposure Limit REL: Recommended Exposure Limit BEI: Biological Exposure Limit

Flammable Gases 1: Flammable gases - Category 1

Flammable Aerosols 1: Aerosols - Category 1

Gases under Pressure - Compressed gas: Gases under pressure - Compressed gas

Flammable Liquids 2: Flammable liquids - Category 2 Flammable Liquids 3: Flammable liquids - Category 3 Flammable Liquids 4: Flammable liquids - Category 4 Acute Toxicity - Inhalation 3: Acute toxicity - Category 3

(Contd. on page 12)



Page 12/12

Safety Data Sheet acc. to OSHA HCS

Printing date 04/08/2022 Reviewed on 04/08/2022

Trade name tesa Adhesive Remover Spray

(Contd. of page 11)

Skin Irrititation 2: Skin corrosion/irritation – Category 2
Eye Irritation 2A: Serious eye damage/eye irritation – Category 2A
Sensitization - Skin 1: Skin sensitisation – Category 1
Specific Target Organ Toxicity - Single Exposure 3: Specific target organ toxicity (single exposure) – Category 3
Aspiration Hazard 1: Aspiration hazard – Category 1

* Data compared to the previous version altered.

US-