

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

Printing date 06.10.2015

Version number 54

Revision: 06.10.2015

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

· **1.1 Product identifier**

· **Trade name** *tesa 8829 Contact glue*

· **Article number:** *also valid for:*
tesa 57860
tesa 57861
tesa 57862
tesa 57863
tesa 57864
tesa 57873

· **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**

Adhesives

· **Manufacturer/Supplier:**

tesa SE *Tel.: +49-40-88899-101*
Hugo-Kirchberg-Strasse 1
D-22848 Norderstedt
Germany

· **Informing department:**

tesa SE, quality management/environment/occupational safety, Dr. Dirk Lamm
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· **1.4 Emergency telephone number:**

tesa SE, Hugo-Kirchberg-strasse 1, D-22848 Norderstedt
Security Center Phone +49-40-88899-0
or +49-40-88899-9111

*** SECTION 2: Hazards identification**

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

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



GHS02 flame

Flam. Liq. 2 H225 Highly flammable liquid and vapour.



GHS09 environment

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



GHS07

Skin Irrit. 2 H315 Causes skin irritation.
Eye Irrit. 2 H319 Causes serious eye irritation.
STOT SE 3 H336 May cause drowsiness or dizziness.

· **2.2 Label elements**

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

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

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· Hazard pictograms



GHS02 GHS07 GHS09

· Signal word

Danger

· Hazard-determining components of labelling:

 ethyl acetate
acetone
cyclohexane

· Hazard statements

 H225 Highly flammable liquid and vapour.
H315 Causes skin irritation.
H319 Causes serious eye irritation.
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.
P241 Use explosion-proof electrical/ventilating/lighting/equipment.
P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P405 Store locked up.
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· Additional information:

Contains Rosin. May produce an allergic reaction.

· 2.3 Other hazards

 The product contains no elutable organic halogens, which will increase the AOX-values of the waste water.
This product doesn't consist of any halogenated organic compounds (AOX), Nitrates, Heavy Metals (sigma<100 ppm) and Formaldehyde.

· Results of PBT and vPvB assessment

· PBT:

Not classified

· vPvB:










Not classified

* SECTION 3: Composition/information on ingredients

· 3.2 Chemical characterisation: Mixtures

· Description: Adhesive.

· Dangerous components:

CAS: 141-78-6 EINECS: 205-500-4	ethyl acetate	 Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	< 50.0%
CAS: 67-64-1 EINECS: 200-662-2	acetone	 Flam. Liq. 2, H225  Eye Irrit. 2, H319; STOT SE 3, H336	< 50.0%
CAS: 110-82-7 EINECS: 203-806-2	cyclohexane	 Flam. Liq. 2, H225  Asp. Tox. 1, H304  Aquatic Acute 1, H400; Aquatic Chronic 1, H410  Skin Irrit. 2, H315; STOT SE 3, H336	< 25.0%
CAS: 8050-09-7 EINECS: 232-475-7	Rosin	 Skin Sens. 1, H317	< 1.0%

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- **SVHC** *Free of any SVHC substances or < 0.1 %*
- **Regulation (EC) No 648/2004 on detergents / Labelling for contents** *not applicable*


SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **After inhalation** *Supply fresh air; consult physician in case of symptoms.*
- **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.*
- **4.2 Most important symptoms and effects, both acute and delayed** *Dazedness*
- **Danger** *Condition may deteriorate with alcohol consumption.*
- **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** *CO2, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.*
- **For safety reasons unsuitable extinguishing agents** *Water with a full water jet.*
- **5.2 Special hazards arising from the substance or mixture** *Can be released in case of fire:
Nitrogen oxide (NOx)
Carbon monoxide (CO)
Hydrogen chloride (HCl)*
- **5.3 Advice for firefighters**
- **Protective equipment:** *Do not inhale explosion gases or combustion gases.*

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
- **6.2 Environmental precautions:**
 - Ensure adequate ventilation*
 -  *Prevent product from reaching sewage system or water bodies.*
 - Prevent material from reaching sewage system, holes and cellars. Inform responsible authorities in case of spilling into water or sewage system.*
- **6.3 Methods and material for containment and cleaning up:** *Apply absorbing material (sand, diatomite, acid binders, universal binders, sawdust).*
- **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** *Ensure that suitable extractors are available on processing machines*

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Ensure good ventilation/exhaustion at the workplace.

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



Keep ignition sources away - Do not smoke.

Protect against electrostatic charges.

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

· **Storage**

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

No special requirements.

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

void

void

· **Further information about storage conditions:**

None.

· **Storage class**

3 (flammable liquids)

· **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**

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

141-78-6 ethyl acetate

WEL	Short-term value: 400 ppm
	Long-term value: 200 ppm

67-64-1 acetone

WEL	Short-term value: 3620 mg/m ³ , 1500 ppm
	Long-term value: 1210 mg/m ³ , 500 ppm

110-82-7 cyclohexane

WEL	Short-term value: 1050 mg/m ³ , 300 ppm
	Long-term value: 350 mg/m ³ , 100 ppm

· **Additional information:**

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

· **8.2 Exposure controls**

· **Personal protective equipment**

· **General protective and hygienic measures**

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 eyes and skin.
Use respiratory protection in case of insufficient ventilation.

· **Breathing equipment:**

· **Protection of hands:**



Protective gloves.

· **Eye protection:**

Safety glasses recommended during refilling.

· **Body protection:**

Protective work clothing.

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

· 9.1 Information on basic physical and chemical properties	
· General Information	
· Appearance:	
Form:	liquid
Colour:	Transparent
· Smell:	Acetone-like
· Change in condition	
Melting point/Melting range:	Not determined
Boiling point/Boiling range:	55 °C
· Flash point:	-19 °C
· Ignition temperature:	260 °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:	1.2 Vol %
Upper:	13.0 Vol %
· Steam pressure at 20 °C:	247 hPa
· Density	Not determined
· Solubility in / Miscibility with Water:	Partly miscible
· Viscosity:	
dynamic:	Not determined.
kinematic:	Not determined.
· Solvent content:	
Organic solvents:	78.0 %
Solids content:	22.0 %
· 9.2 Other information	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

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*** SECTION 11: Toxicological information**

- 11.1 Information on toxicological effects
- Acute toxicity

· LD/LC50 values that are relevant for classification:		
110-82-7 cyclohexane		
Oral	LD50	12705 mg/kg (rat)

- Primary irritant effect:
- Skin corrosion/irritation Causes skin irritation.
- Serious eye damage/irritation Causes serious eye irritation.
- Respiratory or skin sensitisation Based on available data, the classification criteria are not met.
- Additional toxicological information: Das Produkt weist aufgrund des Berechnungsverfahrens der Allgemeinen Einstufungsrichtlinie der EG für Zubereitungen in der letztgültigen Fassung folgende Gefahren auf: Leichtentzündlich
- 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 Based on available data, the classification criteria are not met.

*** 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.
- Additional ecological information:
- According to recipe contains the following heavy metals and compounds according to EC guideline NO. 76/464 EC: Free of heavy metals (Pb, Cd, Hg, Cr6+)
- General notes: Water hazard class 1 (Self-assessment): slightly hazardous for water.
Do not allow undiluted product or large quantities of it to reach ground water, water bodies or sewage system.
- 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)	
08 04 09*	waste adhesives and sealants containing organic solvents or other dangerous substances

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· **Additional information about the European waste catalogue:**


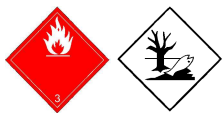

The assignment of a waste key number according to EC Decision 2000/532/EC in connection with EU Directive 75/442/EC has to follow specific industry requirements. The above mentioned classification is only one possible proposal.

· **Uncleaned packagings:**

· **Recommendation:**

Disposal according to official regulations.
Gebinde restlos entleeren

*** SECTION 14: Transport information**

· 14.1 UN-Number · ADR, IMDG, IATA	UN1133
· 14.2 UN proper shipping name · ADR · IMDG · IATA	1133 ADHESIVES, ENVIRONMENTALLY HAZARDOUS, (vapour pressure at 50 °C not more than 110 kPa) ADHESIVES, MARINE POLLUTANT ADHESIVES
· 14.3 Transport hazard class(es) · ADR  · Class · Label	3 (F1) Flammable liquids. 3
· IMDG  · Class · Label	3 Flammable liquids. 3
· IATA  · Class · Label	3 Flammable liquids. 3
· 14.4 Packing group · ADR, IMDG, IATA	II
· 14.5 Environmental hazards: · Marine pollutant: · Special marking (ADR):	Symbol (fish and tree) Symbol (fish and tree)
· 14.6 Special precautions for user · Page:	Warning: Flammable liquids. 3

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· 14.7 Transport in bulk according to Annex II of Marpol and the IBC Code	Not applicable.
· Transport/Additional information:	
· ADR	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· Transport category	2
· Tunnel restriction code	D/E
· IMDG	
· Limited quantities (LQ)	5L
· Excepted quantities (EQ)	Code: E2 Maximum net quantity per inner packaging: 30 ml Maximum net quantity per outer packaging: 500 ml
· UN "Model Regulation":	UN1133, ADHESIVES, (vapour pressure at 50 °C not more than 110 kPa), ENVIRONMENTALLY HAZARDOUS, 3, II

*** 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	78.0

· **Water hazard class:**

Water hazard class 1 (Self-assessment): slightly 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**

H225 Highly flammable liquid and vapour.
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.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.

· **Department issuing data specification sheet:**

tesa SE, Quality Management/Environment/Safety

· **Contact:**

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· **Abbreviations and acronyms:**

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)

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*ICAO: International Civil Aviation Organisation**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. Liq. 2: Flammable liquids, Hazard Category 2**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**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.**